Annual Index

AUTHORS

Aaron, M.: Variation in susceptibility of the thyroid in mammals of different species to the thyroid-stimulating substance of the anterior lobe of the hypophysis and of the ovary to gonadotropic hormone 643

Abbott, A. C.: Simple goiter; its racial incidence and its relationship to nutrition 658

— Simple goiter; the incidence of thyroid enlargement in Winnipeg school children 657

— Simple goiter; the relationship between chronic foci of infection and simple thyroid enlargement in children....658

— (Goodwin and Meltzer): The effect of tracheal compression on the thyroid gland..658

Abe, M.: Placental enzymes in various stages of pregnancy...284

Abelin, I. (Wiedner): Thyroid and ovary 548

Aberle, S. B. D.: The interrelation of a gonotropic hormone and vitamin A 743

Adamcsik, A. (von Beznak): The effect of parathyroid hormone on the calcium content of the milk of women 159

Aeschlimann, H.: The diagnostic value of phagocytosis in thyroid disease 305

Albright, F. (Baird, Cope and Bloomberg): Studies on the physiology of the parathyroid glands; renal complications of hyperparathyroidism 760

— (Bauer, Claflin and Cockrill): Studies in parathyroid physiology; effect of phosphate ingestion in clinical hyperparathyroidism 302

— cf. Baird 275, 550

Alden, C. R.: The use of pituitary extract in obstetrics 750

Alexander, S. L.: cf. Gilchrist...650

Allan, F. N. (Scherer): Insulin resistance due to allergy.....157

Allen, E.: Hormone control of changes in the endometrium during the menstrual cycle....284

— Sex and internal secretions...423

— cf. Overholser 549

Allen, F. M.: Insulin in treatment of tuberculosis 648

Allen, W. M.: cf. Reynolds.....289

Alper, J. M.: cf. Thompson..228, 665

Alperstein, B. B.: cf. Goldzieher.505

Andersen, W. T.: On the occurrence of spontaneous glycosuria and alimentary hyperglycaemia in exophthalmic goiter 447

Anderson, H. (Kennedy): The effect of gonadectomy on the adrenal, thyroid and pituitary glands 744

Anderson, Dorothy H. (Kennedy): Studies on physiology of reproduction; changes in adrenal gland of female rat associated with oestrous cycle 143

Anderson, E. M. (Collip): Thyreotropic hormone of anterior pituitary 291

Anderson, Evelyn M.: The production of hyperplasia of the thyroid with hyperthyroidism in the albino rat.....658

— cf. Collip 639

Anderson, W. E.: cf. Reed.....150

Andrus, E. C.: Clinical and experimental observations upon the heart in hyperthyroidism..447

Anido, B.: cf. Mussio Fournier..533

Annau, E. (Huszak, Svirbely and Szent-Györgyi): The function of the adrenal medulla 739

Anselmino, K. J. (Hoffman): Preparation, properties and occurrence of an anti-thyroid protective substance in blood and tissues 762

Arguelles, G.: cf. Marañon.....497

Arloing, F. (Morel, Josserand and Badinand): Further studies on the tumor-inhibiting properties of adrenal extracts tested on experimental epithelioma in white mice 633

von Arnay, A. (Lengyel): Lactic acid formation during muscular work after removal of suprarenal glands 275

Artundo, A. (Solari): Effect of anterior pituitary extract on basal metabolism 750

— cf. Houssay 660, 752

v. Arvay, A.: cf. Verzár 297

Aschner, B. (Jaso-Roldan): The clinical significance of pituitrin-hyperglycemia 755

Asher, L. (Tschumi): Studies on physiology of glands. Further experiments on relationship between spleen and thyroid and iron metabolism 306

Asimov, G. (Estrin): The fate of the thyroid hormone in animals fed with thyroid substance; the method of excretion of the thyroid hormone after feeding dried thyroid to dogs.....763

— — The method of excretion of the thyroid gland hormone after the ingestion of thyroxine 763

— (Estrin and Miletzkaja): The effect of giving single doses of thyroid gland to chickens and the determination of iodine in tissue 762

Athias, M. (Guimarais): Intracranial ovarian grafts in normal male guinea pigs and ones which had been previously castrated..547

Atkinson, R. F. B.: The onset of acromegaly before 15 years of age 643

Atwell, W. J.: cf. Emery.....740

Aubertin, E. (Trinquier): The hypoglycemia effect of insulin injected into the portal system of dogs 648

— — The use of the area of hypoglycemia in the study of the hypoglycemia action of insulin in dogs 648

Ayer, J. B. (Means and Lerman): Simulation of progressive muscular atrophy by exophthalmic goiter 701

Azérad, E.: cf. Labbé.....312

Azevedo, G. V.: The use of insulin in the treatment of menorrhagias of ovarian etiology and in particular in hemorrhagic metropathy 442

Babarczy, Marie V.: Relation between the cholesterol content of the blood and adrenaline sensitivity 143

Bacq, Z. M.: A note on the viale reaction of demonstrating adrenine in body fluids 633

— Secretion of sweat in horses after cutaneous injections of adrenine serum.....633

— (Brouha): Certain new facts about the humoral effects of exciting the sympathetic....633

Badinand, A.: cf. Arloing.....633

Bailly, O. (Netter): Researches on carotene; carotene of the adrenal gland 739

Baird, P. C. (Albright): Treatment of Addison's disease with cortin (Hartman); report of four cases 275

— (Cloney and Albright): Effect of cortical hormone in preventing extreme drop in colonic temperature displayed by hypophysectomized rats upon exposure to cold with preliminary observations upon the effect of hypophyseal and other hormones 550

— cf. Albright 760

Bakacs, G.: Simultaneous use of parathyroid hormone and calcium in abnormal uterine bleeding 653

Ball, R. G.: cf. Camp.....143

Barbour, O.: Treatment of coughs with suprarenal; whooping cough 739

Barnard, W. G.: A functioning tumor of the islands of Langerhans 157

Barnes, A. R.: cf. Kepler.....311

Barnes, B. O. (Regan and Nelson): Improvement in experimental diabetes following administration of amniotin.....649

— cf. Bueno 152

— cf. Jones 310

— cf. Mathieu 313

— cf. Regan 159

Barrelet, J.: Endocrine glands in cirrhosis of liver 280

Bartschi, W.: cf. Guyenot.....640

Bates, R. W.: cf. Kurzrok..... 18

— cf. Riddle 155, 156

Battistini, S. (Rigoletti): Modifications of glycemia, blood pressure and pulse after intravenous injection of insulin in subjects with normal carbohydrate exchange 756

Battro, A.: cf. Castex.....307

Bauer, J. (Buttu): Effects of adrenal cortical extracts upon the blood in men 633

Bauer, W.: cf. Albright 302

Beaver, D. C. (Pemberton): The pathologic anatomy of the liver in exophthalmic goiter 763

Becher, H.: Effect of incretions on the motility of mammalian sperms 546

di Benedetto, E.: Anterior pituitary lobe and action of insulin.433

— Extract of anterior lobe of the hypophysis and resistance to insulin 643

— cf. Houssay .....
...295, 437, 438, 552, 553, 645

— cf. Rossignoli 314

Benedict, F. G.: cf. Riddle.....283

Bennholdt-Thomson, C.: On mongolianism and other congenital degenerative conditions in their relation to advanced age of the mothers 636
Berblinger, W.: Pathologie und pathologische. Morphologie der Hypophyse des Menschen.....274
Berlin, D. D.: cf. Blumgart.....448
Bernhardt, H. (Simpson): Relation of suprarenal cortex to myasthenia gravis pseudoparalytica 543
Bernstein, C.: cf. Duff.....740
Best, C. H. (Ferguson and Hershey): Choline and liver fat in diabetic dogs 756
— (McHenry): The Friedman modification of the Aschheim-Zondek test for diagnosis of pregnancy 547
von Beznak, A.: cf. Adamcsik...159
Bialet-Laprida, Z.: Effect of folliculin on adult ovary 744
— Effect of folliculin on development of ovary 744
Biasotti, A.: cf. Houssay.....294, 295, 310, 437, 438, 553, 645, 660
Bing, J.: Sporadic goiter on genotypical basis and relation to other thyroid disorders 306
Bischoff, F. (Long): Effect of adrenaline upon free muscle sugar and total carbohydrate..635
— (Maxwell): Hormones in cancer; the effect of glandular extirpation upon the growth of transplantable tumors ..742
— cf. Long 635
— cf. Maxwell 743
Bishop, P. M. F. (Close): A case of basophil adenoma of the anterior lobe of the pituitary: "Cushing's Syndrome" 152
Blades, E. J.: cf. Herrick.....310
Bloomberg, Esther: cf. Albright.760
Blotevogel, W.: Effect of Roentgen rays on the ovaries and ganglion cervicle uteri 547
Blotner, H.: Insulin and sugar tolerance in thin people.....756
— The treatment of diabetes....442
Blumenfeld, C. M.: Weight changes in suprarenal gland of albino rats on Vitamin E deficient and fat deficient diets....367
Blumgart, H. L. (Davis): Hypothyroidism induced by complete removal of the normal thyroid gland in the treatment of chronic heart disease 693
— (Levine and Berlin): Congestive heart failure and angina pectoris: the therapeutic effect of thyroidectomy on patients without clinical or pathologic evidence of thyroid toxicity 306
Blumgart, H. L. (Riseman, Davis and Berlin): Therapeutic effect of total ablation of normal thyroid on congestive heart failure and angina pectoris; early results in various types of cardiovascular disease and coincident pathologic states without clinical or pathologic evidence of thyroid toxicity 448
Böhm, F.: Influence of anterior lobe of hypophysis on blood sugar content 291
Bohstedt, G.: cf. Kozelka.....655
Borras, P. E.: Friedman's reaction for the diagnosis of pregnancy 285
Borst, M. (Döderlein and Gostimirovic): Sex physiology. VI. Ovulation induced by the luteinizing hormone, prolan B.....285
Bowie, N. A.: cf. Derick.....649
Boyd, R. W.: cf. Weichert.....766
Brabant, H.: cf. Watrin.....291
Bradley, H. T.: cf. Noble.....743
Braier, B.: Nitrogen metabolism in hypophysectomized dog.....292
— Pituitary and nitrogen metabolism in toads 643
Braun, M. E.: Blood pressure in hypophysectomized dogs 292
Brewer, L. A., III: Occurrence of parathyroid tissue within the thymus: Report of four cases.397
Brill, J.: The ovaries and testes of foetal horses as a source for hormones 638
Brindeau, A. (Hinglais and Hinglais): Contribution to the quantitative study of the hormone from the anterior lobe pituitary by use of the adult rabbit; application of biologic measures to the gonadotropic hormone 292
Brosius, W. L.: cf. Engelbach...387
Broster, L. R. (Hill): Adrenogenital syndrome associated with cortical hyperplasia: results of unilateral adrenalectomy 275
Brouha, A.: The inhibitory action of folliculin on deciduomata in rabbits 638
Brouha, L. (Desclin): Note on experimental cryptorchidism in guinea pigs 638
— cf. Bacq 633
Browne, J. S. L.: cf. Butenandt..548
— cf. Collip 71
Brownell, K. A.: cf. Hartman....145
Brull, L.: Transmission by the blood stream of the polyuria and hypochloruria following hypophysectomy 644
Brumfield, Helene Paine: cf. Carey 764

Bryan, W. R. (Minot and Chastain): The occurrence of guanidine as a contributory factor in parathyroid tetany in dogs....159
Buchheim, W.: Effect of fuel oil on the secondary sex characters 285
Bueno, J. G. (Barnes): The effect of Loeb's anterior pituitary extract upon the basal metabolism of dogs 152
Bühler, F.: Influence of sex hormones on creatine metabolism.427
Burn, J. H.: Estimation of antidiuretic potency of pituitary (posterior lobe) extract 292
Burns, R. K. (Buyse): The induction of precocious maturity in the reproductive tract of recently metamorphosed female salamanders by an extract of the mammalian hypophysis ...750
Burns, R. K., Jr.: Follicular atresia in the ovaries of hypophysectomized salamanders in relation to yolk formation.....293
Butenandt, A. (Browne): The female sexual hormone; comparative investigation of theelol, emmenin and follicular hormone hydrate 548
Buttu, G.: cf. Bauer 633
Buyse, A.: cf. Burns.....750

Cadiz, R. (Lipschütz): Concerning a case of masculine pseudo-hermaphroditism 745
Camp, J. D. (Ball and Greene): Calcification of the suprarenal glands in Addison's disease....143
Campbell, A. D.: Further studies on the anterior pituitary-like hormone with special reference to irregular uterine bleeding...551
Campos, C. A. (Curutchet and Lanari): Rôle of the liver in the hyperglycemic activity of the anterior pituitary lobe in toads.433
Canciovici, D.: cf. Nitzescu.....652
Cannon, B.: cf. Rosenblueth.....146
Cantor, M. M. (Scott): Treatment of Addison's disease with extract of adrenal gland 341
Canzanelli, A. (Rapport): The comparative effects upon metabolism of intravenously injected tyrosine, diiodotyrosine, diiodothyronine and thyroxine.....307
Caravati, C. M.: Insulin neuritis; a case report 443
Carey, J. B. (Brumfield): Low basal metabolic rates.....764
Carlson, A. J.: cf. Da Costa.....308
Carr, Katherine: cf. Sherwood...254
Cartolari, C.: Antagonism between thymus and suprarenal medulla 305
Casas, J. (Hinsberg): Insulin sensitiveness and carotid sinus...300
Casida, L. E.: Production of ovulation by gonadotrophic extracts 714
— (Hellbaum): Ovarian stimulation by adrenal extracts.....249
Castex, M. R. (Schteingart and Battro): The heart in hyperthyroidism 307
del Castillo, E. B.: Inhibition of ovulation in rabbit by folliculin.427
Castiglioni, C. A.: cf. Mussio Fournier 533, 656
Catchpole, H. R.: cf. Cole.....548
Cattaneo, L.: Passage of hormones from mother to foetus..638
Cattell, R. B.: Thyroid disorders in children 764
Cernautzeanu-Ornstein, E.: cf. Parhon 657
Chaikoff, I. L. (Lyons): Lactation in diabetes 757
Chambers, W. H.: cf. Dann.....308
Charvat, J.: The non-surgical treatment of Graves' disease...449
Chastain, L. L.: cf. Bryan.....159
Chaykovisky, V. K.: cf. Mandelshtram 639
Chistoni, A.: Chemical and biological investigation of the effective principle of lymph-node extract 281
Choay, A. (Faure): The oestrous-stimulating power of powder from follicular liquid 22 years after drying 639
— (Wurmser): Conservation of oxytocic properties of powdered posterior lobe of hypophysis 293
Chrometzka, F.: Antitrypsin; the hormonal and pharmacological relationship between the albumin-globulin ratio and the antitryptic titer of human serum...147
Churchill, E. D. (Cope): Parathyroid tumors associated with hyperparathyroidism; eleven cases treated by operation.....761
Claflin, D.: cf. Albright.....302
Clark, B. B.: cf. Paul.....158
Clark, J. H. (Rowntree): Studies of adrenal glands in health and disease. I. Diseases of adrenal glands as revealed in 25,000 autopsies 256
Claus, P. E.: cf. Guyer.....436
Cleghorn, R. A.: Effect of injections of extracts of adrenal cortex on development and sex functions of albino mouse.....144
Cleveland, R. (Wolfe): Cyclic histological variations in the anterior hypophysis of the sow (Sus scrofa) 644
— cf. Wolfe 157, 647
Cloney, Elizabeth: cf. Baird.....550
Close, H. G.: cf. Bishop.....152

Closs, K. (Loeb and MacKay): The effect of an acid extract of the anterior pituitary gland upon the iodine concentration of the blood and thyroid gland. 293
Cocchi, A.: The influence of the corpus luteum on the maternal instinct, experimental researches 745
Cockrill, J. R.: cf. Albright..... 302
Coco, R. M.: cf. Johnson..... 86
Coelho, E.: Acid-base equilibrium in thyroid disease 307
Cohen, M. B. (Rudolph and Rogoff): The output of epinephrine from the adrenal glands during anaphylactic shock..... 144
Cole, H. H. (Guilbert and Goss): Further consideration of the properties of the gonad-stimulating principle of mare serum. 285
— (Hart, Lyons and Catchpole): The development and hormonal content of fetal horse gonads 548
— (Miller): Artificial induction of ovulation and oestrum in the ewe during anoestrum.. 286
Cole, W. H. (Womack): Effect of certain extracts on basal metabolism of guinea pigs 307
Collazo, J. (Marañon, Roda and Torres): The action of adrenal cortex extracts on blood cholesterol 739
— cf. Marañon 393
Collier, W. D.: cf. Werner.. 291, 749
Collin. R.: The histological origin of the hormones of the posterior lobe; "Intermedian" 750
— (Drouet): Extracts of the posterior hypophyseal lobe and changes in weight in the frog 644
— — The anterior lobe of the pituitary and the reaction of the melanophores 644
Collip, J. B. (Browne and Thomson): Chemical nature of emmenin 71
— (Selye, Anderson and Thompson): Production of estrus; relationship between active principles of placenta and pregnancy blood and urine and those of the anterior pituitary 639
— cf. Anderson 291
— cf. Selye 237, 749
Combes, T. J. C.: Observations on human subject 5 years after splenectomy 762
Commins, W. D.: The effect of castration at various ages upon the adult weight of male albino rats 286
Cope, O.: cf. Albright 760
— cf. Churchill 761
Corey, E. L.: The effect of corticoadrenal extract injection on the oestrous cycle of the rat..... 144
Cosmulesco, I.: cf. Rathery..... 302
Courrier, R. (Gros): Experimental genital crises in new-born kittens 548
— (Kehl): Folliculin abortions in rabbits 745
— — Further work on pregnancy in rabbits 745
Courth, H.: Iodine metabolism of normal and thyroidectomized goats after potassium iodide and plant iodide feeding 450
Cowgill, G. R. (Palmier): Studies in the physiology of vitamines; the effect of experimentally induced hyperthyroidism on the vitamin B requirement of pigeons 307
Cramer, W.: Changes in the islets of Langerhans in pregnancy and other conditions ... 649
Csepai, K.: The iodine-x-ray treatment of Basedow's disease 308
Curtis, G. M. (Davis and Phillips): Significance of iodine content of human blood 658
Curutchet, J. L.: cf. Campos.... 433
Cushman, Beulah: Studies of visual fields in functional headaches of pituitary origin 551
Cuthbert, F. P.: cf. de Takats... 760
Cutler, E. C.: cf. Levine 765
— cf. Zollinger 648
Cuyler, W. K.: cf. McCullagh.... 150
Czoniczer, G. (Kleiner): Anterior pituitary extracts in Graves' disease 434
Da Costa, Esther (Carlson): The effect of feeding desiccated thyroid upon the sexual maturation of the albino rat 308
— — The effect of feeding thyroid upon the sexual maturation of the albino rat.... 450

Daggs, R. G.: cf. Eaton..... 153
Dambrosi, R. G.: The pancreas and the vagi in muscle glycogen restorage after fatigue in cats.. 757
— The pancreas in muscle glycogen recovery after fatigue.. 757
— The vagi and splanchnic nerves in muscle glycogen restorage in dogs 757
— (Leloir): The adrenals in muscle glycogen recovery after fatigue 739
Damon, L. A.: Bilateral suprarenal hemorrhage and death in epilepsy 425
D'Amour, F. E.: cf. Dumont..... 206
D'Amour, M. C.: An attempt to duplicate certain hormone responses by means of drugs.... 235
—(Keller): Blood sugar studies following hypophysectomy and experimental lesions of hypothalamus 644

Dragstedt, L. R. (Risk and Johnson): The effect of the continuous intravenous injection of Ringer's solution on the blood chemistry of thyroparathyroidectomized dogs 654
Drouet, P. L.: cf. Collin.....644
Druckrey, H.: cf. Reiss.....440
Duff, G. L. (Bernstein): Addison's disease with so-called atrophy of the adrenal cortex..740
Dumont, Charlotte (D'Amour and Gustavson): Effect of introduction of blood from bred rabbits upon immature rabbits 206
Duncan, W. S.: Relationship of thyroid disease to chronic nonspecific arthritis 308
Dunhill, T. P.: cf. Elmslie.....160
Dye, J. A.: Adrenal cortical hormone and tissue respiration....544
Dyer, F. J.: Estimation of parathyroid hormone 302
— (van Dyke): The inhibition of estrus by extracts of the anterior lobe of the pituitary body 434
— — The inhibition of oestrous by extracts of the anterior lobe of the pituitary body.293
Danforth, C. H.: Genetic factors in the response of feather follicles to thyroxin and theelin...546
Dann, M. (Chambers and Lusk): Animal calorimetry; influence of phlorhizin glycosuria on the metabolism of dogs after thyroidectomy 308
Davis, B. L. (Hinsey and Markee): Constituents in normal urine producing hyperglycemia previously attributed to prolan...382
Davis, C. B.: cf. Curtis.....658
Davis, D.: cf. Blumgart....448, 693
Davis, J. E. (Hastings): The relationship of the adrenal and thyroid glands to excised muscle metabolism 543
Davison, C.: Xanthomatosis and the central nervous system....152
Davy, Leita: Complete recovery of gonadotropic substances from urine of pregnant women..... 1
Desaux, A. (Guillaumin): Changes in the interferometer readings (method of Hirsch) in the course of the menstrual cycle..742
Dauphinee, J. A.: cf. Elmslie....160
De Meio, R. H. (Lewis): Corticoadrenal hormone in urine.....634
— — Method for a biologic estimation of the adrenal cortical extract 276
Derick, C. L. (Newton, Schulz, Bowie and Pokorny): Spontaneous hyperinsulinism; report of a case of hyperinsulinism cured by surgical intervention.649
Deselin, L.: cf. Brouha.....638
Dick, G. F.: cf. Williams.....653
Dickie, Lois F. N.: cf. Thomnson 228, 664, 665
Döderlein, A.: cf. Borst.....285
Dohrn, M.: cf. Hohlweg.....751
Donelson, Eva: cf. Hunscher....428
van Dyke, H. B.: cf. D'Amour.. .....293, 434
Dykshorn, S. W.: cf. Riddle.155, 156

Eaton, A. G. (Daggs): Carbohydrate metabolism and specific dynamic action in partially hypophysectomized dogs 153
— (Murlin): The absorption of insulin from the gastro-intestinal tract; the effect of calcium lactate, sodium, bicarbonate and blood serum in depancreatized dogs.....443
Ebina, T.: The mechanism of the action of thyroxine in tissue metabolism 764
Edeiken, L.: Small doses of x-ray for amenorrhea and sterility...148
Ehrhardt, K.: Clinical and animal experiments on the melanophoric agent of the posterior pituitary lobe 434
— (Weigel): Investigations of corpus luteum hormone....745
Eisler, B.: cf. Schittenhelm.....315
Eitel, H. (Loeser): Relation of thyroid activity to the pituitary gland 434
— — Relationships between the anterior pituitary lobe, thyroid glands and the carbohydrate metabolism of the liver 434
Elek, L.: Influence of hormones on blood sugar regulation....650
Elkeles, A.: cf. Friedmann.....281
Elliott, A. H. (Nuzum): Urinary excretion of a depressor substance (Kallikrein of Frey and Kraut) in arterial hypertension 462
Ellison, E. T. (Wolfe): Effect of castration on anterior hypophysis of female albino rat.....555
Ellman, P.: Use of insulin in treatment of pulmonary tuberculosis 300
Elmer, A. W.: Iodine tolerance test for thyroid insufficiency...487
Elmslie, R. C. (Fraser, Dunhill, Vick, Harris and Dauphinee): Diagnosis and treatment of generalized osteitis fibrosa with hyperparathyroidism 160
Emery, F. E.: The anterior pituitary sex hormone in relation to the prolongation of estrous cycles and the production of a refractory condition of theelin..751
— The hypertrophy of the ovary in relation to the ovarian hormone 428
— (Atwell): Hypertrophy of the adrenal glands following administration of pituitary extract 740

Engelbach, W. (Schaefer and Brosius): Endocrine dwarfism ...387
Engle, E. T.: Biological difference in response of the female macacus monkey to extracts of the anterior pituitary and of human pregnancy urine 639
— Luteinization of ovary of monkey by means of combined use of anterior pituitary extract and an extract of pregnancy urine 505
Enzmann, E. V. (Saphir and Pincus): Delayed pregnancy in mice 286
Eppinger, E. C.: cf. Levine.....765
Eskin, J. A.: The influence of the adrenal on the metamorphosis of amphibians 276
Essex, H. E.: cf. Herrick.....310
Estrin, E.: cf. Asimov.....762, 763
Evans, E. I.: Diabetogenic principle of the anterior pituitary...435
— Initiation of copious milk secretion in virgin goats by anterior pituitary 435
Evans, H. M.: Present position of our knowledge of anterior pituitary function 435
— (Pencharz and Simpson): Maintenance and repair of reproductive system of hypophysectomized male rats by hypophyseal synergist, pregnancy-prolan and combinations thereof 607
— — Repair of reproductive system of hypophysectomized female rats by combinations of an hypophyseal extract (synergist) with pregnancy-prolan 601

Fancher, J. K.: Endocrine statistics from the Southeast.....221
Faure, S.: cf. Choay 639
Fauvet, E.: Hormones of posterior lobe of hypophysis and pregnancy toxicoses 746
Favilli, G.: Influence of some organ extracts on permeability to water of sea-urchin eggs (Arbacia Punctulata) 281
Fehr, A.: cf. Guyenot.....644
Fellenberg, T. (Gruter): Influence on the milk secretion of goats of extirpation of the thyroid 659
Fellner, O. O.: The uterus as an organ of internal secretion....548
Fenn, G. K.: cf. de Takats.....653
Ferguson, G. C.: cf. Best.....756
Ferguson, J.: Secretin: Its influence on amount of hemoglobin in circulating blood 188
Ferguson, R. S.: Pathologic physiology of teratoma testis.....746
Fevold, H. L. (Hisaw, Hellbaum and Hertz): Sex hormones of the anterior lobe of the hypophysis, further purification of a follicular-stimulating factor and the physiological effects on immature rats and rabbits 435
Field, Jean C.: cf. Morgan.....655
Figueroa-Casas, P.: Oxytocic factors in blood of pregnant women 746
Fineman, A. H.: Use of suprarenal cortex extract in treatment of bronchial asthma 425
Fink, E. B.: Gumma of the hypophysis and hypothalamus...751
Firor, W. M. (Reynolds): Experiments on hypophysectomized rabbits 153
— cf. Grollman 276, 634
— cf. Shumacker 676
Fischl, F.: cf. Reiss 440
Fisher, L. C. (Reimann): Effect of insulin on blood sugar of rabbits during infection 157
Flaum, E.: Parotid hypertrophy a sign of diabetes mellitus 443
Florentin, P.: Some remarks concerning the histogenesis of the mammalian thyroid 309
Fluhmann, C. F.: Biological characteristics of ovary-stimulating extracts made from blood of pregnant women 148
— Comparative studies of gonad-stimulating hormones; effect of prolonged injections in immature rats 746
— Comparative studies of gonad-stimulating hormones; influence of length of period of administration of certain extracts 428
— New procedure for demonstration of estrin in blood of women 705
Foncin, A. R.: Experimental cryptorchidism in guinea pigs..747
Fonio, A. (Scheurer): The effect of thyroxine and of iodine in a dosage analogous to the iodine content of thyroxine on some phases of metabolism on the blood, etc., in endemic cretins.451
Ford, F. A. (Mueller): A study of the estrus-producing hormone in the circulating blood of normal women 286
Foster, G. L. (Gutman and Gutman): Total and thyroxine iodine content of thyroid gland after injection of saline anterior pituitary extracts 451
Foster, M. A.: cf. Johnson..... 86
Foster, R. F.: cf. Wilder.....455
Foulger, J. H.: cf. Morris.....282
Frank, R. T.: cf. Spielman.....431
Fraser, F. R.: cf. Elmslie.....160
Frawley, J. T.: cf. McCullagh...150

Fredericq, H.: Contributions to study of tetany occurring at oestrus in thyroparathyroidectomized animals; action of the gonadotropic principle from the urine of pregnancy on tetany and blood calcium in dogs.....654
Freed, S. C.: Traumatic shock in adrenalectomized rats 276
Freeman, H. (Hoskins): Comparative sensitiveness of schizophrenic and normal subjects to glycerine extract of adrenal cortex 576
Freeman, N. E. (Morrison and Sawyer): The effect of dehydration on adrenal secretion and its relation to shock 425
Frei, W.: On the etiology of nymphomania of the cow.....149
Frieder, A.: cf. Herzfeld.....761
Friedman, A.: cf. Girard.....747
Friedman, Gertrude Sanders (Friedman): An examination of cerebrospinal fluid, by means of the uterine fistula, for the presence of the oxytocic factor of the posterior pituitary.....294
Friedman, H. H.: cf. Friedman..294
Friedman, M. H.: On the mechanism of ovulation in the rabbit; quantitative observations on the action of extracts of urine of pregnancy 747
— The production of functional corpora lutea unilaterally by the direct intrafollicular injection of extracts of urine of pregnancy 287
Friedemann, U. (Elkeles): Auxoneurotropic action of epinephrine and of solution of pituitary.281
Fukui, S. (Murata): The hormone of anterior lobe of hypophysis 294
Fuld, H.: cf. Thannhauser.....446
Funk, C. (Harrow): The male hormone; the effect of the male hormone and the anterior pituitary 287

Gabrielianz, A. G.: Organotherapy of mastodynia 287
Gaebler, O. H.: Some effects of anterior pituitary extracts on nitrogen metabolism water balance and energy metabolism...153
Gaetan, L.: cf. Marañon.....393
Gallagher, T. F. (Koch): Biochemical studies on male hormone as obtained from urine..107
Gann, E. L.: cf. Johnson..... 86
Gardner, W. U. (Turner): The function, assay and preparation of galactin, a lactation-stimulating hormone of the anterior pituitary and an investigation of the factors responsible for the control of normal lactation.436
Garra, A.: cf. Mussio-Fournier..656
Garrison, E. Alta: cf. Morgan... ..... 655, 656
Geiger, E.: Insulin and thermoregulation 443
Gellhorn, E. (Northup): The influence of hormones and drugs affecting the autonomic nervous system on intestinal absorption and permeability 154
Gibson, R. B.: Latent tolerance in diabetes mellitus 300
Gilchrist, J. A. (Alexander): Staphylococcic infections in diabetes 650
Gillum, F.: cf. Morgan.....656
Gilroy, E.: The effect of arginine upon the body weight of mice injected with thyroxine, and bearing the tumor M63...309
Ginsburg, S.: Masked thyrotoxicosis simulating primary neurosis.659
Girard, A. (Sandulesco and Fridenson): On the absorption, when given by mouth, of folliculin and its dihydrogenated derivative 747
Glimm, E. (Wadehan): The presence of the female sex hormone in urine 288
Glud, P. (Pedersen-Bjergaard and Portman): On the pregnancy reaction in mares 549
Goldberg, I.: Anterior pituitary extract and plasma proteins...436
Goldberg, M.: Treatment of pituitary infantilism with antuitrin 233
Goldberger, M. A.: cf. Spielman..431
Goldemberg, L.: The basal metabolic rate and the suspension stability of blood 765
— Therapeutic action of fluorides in exophthalmic goiter and hyperthyroidism: technic of fluoride treatment 309
Goldsworthy, Edith: cf. Greisheimer 444
Goldzieher, M. A.: Effects of interrenal function of fat metabolism and tissue respiration ...179
— (Sherman and Alperstein): Fat tolerance test in pituitary disease 505
Gomes da Costa, S. F. (Guedes): The sensitization to the action of x-ray of ulcerative skin cancer by insulin locally applied..650
Gondard, L.: Does denervation of the adrenal glands cure experimental pancreatic diabetes?...740
Goodwin, A. M.: cf. Abbott.....658
Goormaghtigh, N.: Temperature regulation and suprarenals. Morphologic study of activity of medulla of suprarenal 276
— The weight of the thyroid gland in the Belgian low-lands....659
Goss, H.: cf. Cole.....285
— cf. Guilbert 149

Gostimirovíc, D. (Kraemer): Treatment of disturbances of the estral cycle with sex hormones 549
— cf. Borst 285
Gott, R. J.: Hemochromatosis...742
Gotta, H.: cf. Yriart 454
Grab, H.: The occurrence of thyroid gland substances in the blood after the anterior pituitary has exerted its effect.....551
Gragert, O.: On the hormone therapy of oligo-hormonal secondary amenorrhea 149
Greene, C. H.: cf. Camp.....143
Greep, R.: Effect of luteinizing and follicular stimulating fractions of pituitary on the thyroid 436
Greisheimer, Esther M. (Goldsworthy and Thomas): High carbohydrate and high fat diets..444
Gresser, E. B.: Studies of retinopathies; diabetes mellitus 757
Grollman, A. (Firor): Observations on the hormone of the adrenal cortex 276
— — Studies on the adrenal; the preparation of an active extract of the hormone of the adrenal cortex.....634
— (Howard): The effects of adrenal cortex extract on the reproductive system 145
Gros, G.: cf. Courrier.....548
Gruter, F.: cf. Fellenberg.....659
Guedes, F. B.: cf. Gomes da Costa 650
Guerrero, I.: cf. Rossignoli.....314
Guilbert, H. R. (Goss): Some effect of restricted protein intake on the oestrous cycle and gestation in the rat 149
— cf. Cole 285
Guillaumin, C. O.: Method of recording and interpreting results derived from the sero-interferometer method of Hirsch applied to endocrine dystrophies 281
— cf. Desaux 742
Guimarias, A.: cf. Athias.....547
Gustavson, R. G.: cf. Dumont....206
Gutman, A. B. (Sloan, Gutman and Palmer): Rôle of diiodotyrosine in hyperthyroidism; comparison of therapeutic effect of diiodotyrosine with inorganic iodine 451
— cf. Foster 451
Gutman, E. B.: cf. Foster.....451
— cf. Gutman 451
Guyenot, E. (Bartschi and Ponse): Sex antagonism and spontaneous feminization in male guinea pigs carrying ovarian grafts..640
—(Ponse, Fehr and Moszkowska): Action of alkaline extracts of anterior lobe on immature female guinea pigs..644
Guyer, M. F.: Heredity and the constitution of child.....742
— (Claus): Cellular constituents of the anterior hypophysis after uterine implants of carcinoma in rats 436

Haines, S. F.: cf. Rankin.....315
Halban, J.: The therapy of hemorrhages in the sexually mature woman 148
Hall, F. C. (Monroe): Thyroid gland deficiency in chronic arthritis 451
Hall, J. F.: cf. Sherwood.....431
Hamblen, E. C.: Human ovarian responses to extracts of pregnancy urine—preliminary report 640
Hamilton, A. S.: Effects of sodium bromide and other haloid salts upon weight and structure of thyroid gland in albino rat....170
Hamilton, B. (Schwartz): Rickets and hyperparathyroidism 654
Hampel, C. W.: cf. Ring.....159
Harned, B. K. (Nash): The protection of insulin by antiproteases, and its absorption from the intestine 157
Harris, C. F.: cf. Elmslie 160
Harris, S.: Hyperinsulinism, a definite disease entity; etiology, pathology, symptoms, diagnosis, prognosis and treatment of spontaneous insulogenic hypoglycemia (hyperinsulinism) ...758
Harrop, G. A. (Widenhorn and Weinstein): Metabolic investigations on the hormone of the adrenal cortex 544
Harrow, B.: cf. Funk.....287
Hart, E. B.: cf. Kozelka.....655
Hart, G. H.: cf. Cole.....548
Hartman, C. G.: Pelvic (rectal) palpation of the female monkey, with special reference to the ascertainment of ovulation time.747
Hartman, F. A.: Certain functions of the adrenal cortex....740
— (Lockwood and Brownell): Further studies on the adrenal cortex 145
Hartoch, W.: cf. Zondek.....300
Haslewood, G. A. D.: cf. Marrian.150
Hastings, A. B.: cf. Davis.....543
Haterius, H. O.: The relation of pregnancy cells in the pituitary of the rat to the reproductive cycle 288
Haupstein, P.: On the mechanism of action of the follicular hormone 640
Hawkins, J. O.: cf. Stanley 441
Hayaski, K.: Experimental erythropoiesis in the adrenal of splenectomized guinea pigs....277
Heaton, T. G.: The use of insulin as an aid in the treatment of pulmonary tuberculosis 650
Hechler, Ruth: cf. Lucke.....554

Heim, K.: On the biology of the mammary glands. A contribution to the question of the hormone of the anterior lobe of the pituitary 153
Heinbach, W. F.: A study of the number and location of the parathyroid glands in man.....654
Hellbaum, A.: cf. Fevold.....435
Hellbaum, A. A.: cf. Casida.....249
Heller, T.: Action of extract of posterior lobe of pituitary after intramuscular injection into cervix uteri 294
Hellwig, C. A.: Experimental colloid goiter 197
— The life line of the North American thyroid gland ...659
Hemmingsen, A. M.: The correlation between the blood-sugar fall and the initial blood-sugar in rabbits injected with insulin.650
Hermann, H. (Merklen, Santenoise and Vidacovitch): Pressure on the eyeball and the discharge of adrenaline 741
Herrick, J. F. (Essex, Mann and Baldes): The effect of feeding desiccated thyroid gland on the flow of blood in the femoral artery of the dog.....310
Hershey, J. M.: cf. Best.....756
Hertz, R.: cf. Fevold 435
Hertz, S. (Kranes): Exhaustion phenomenon in thyroid produced by pituitary treatment: histological study of rabbit's thyroid under varying degrees of anterior pituitary therapy..415
— — Parathyreotropic action of the anterior pituitary; histologic evidence in the rabbit 350
Herzfeld, E. (Frieder): Contribution to the knowledge of parathyroid activity 761
Hess Thaysen, T. E.: cf. Roholm.652
Hetényi, G.: Contributions on the physiology and pathology of the so-called kidney threshold (sugar threshold) in human beings 651
Heydemann, E. R.: cf. Lucke...554
Hick, F. K.: A suprarenalin-producing pheochromocytoma of the suprarenal gland 634
Hill, H. G.: cf. Broster.....275
Hills, M. J.: cf. Morgan.....656
Himsworth, H. P.: The activation of insulin 157
Hinglais, H.: cf. Brindeau.....292
Hinglais, M.: cf. Brindeau.....292
Hinsberg, K.: cf. Casas 300
Hinsey, J. C.: cf. Davis.....382
Hirsch-Hoffman, H. U.: Secretion of hormone of anterior lobe in urine in endocrine disturbances.552
— The influence of the hormone of the anterior lobe of the pituitary present in pregnancy urine on the ovaries of adult mice 437
Hisaw, F. L.: cf. Fevold.....435
Hochwald, A.: cf. Reiss.....440
Hoffman, F.: Isolation and demonstration of hormone of parathyroid in blood of pregnant women 446
— cf. Anselmino 762
Hogreve, F.: cf. Lendel.....282
Hohlweg, D. (Dohrn): Relation between the anterior lobe of the hypophysis and the gonads....751
— (Junkmann): The relationship of the anterior pituitary to the thyroid 552
Holten, C. (Schidt): Case of Addison's disease treated with Swingle and Pfiffner's extract of suprarenal cortex 277
Hoskins, R. G.: The tides of life: the endocrine glands in bodily adjustment 142
— cf. Freeman 576
Houssay, B. A.: Asthenia of hypophysectomized toads 437
— Hypophyses and thyroids. XIII. Thyroid of rats in parabiosis and injected with anterior pituitary extract 295
— Influence of pituitary on basal metabolism and on specific dynamic action 409
— Pituitary and metabolism....295
— (Artundo): Effect of anterior pituitary extract and specific dynamic action in thyroidectomized and hypophysectomized-thyroidectomized dogs.752
— — Effect of anterior pituitary lobe extract on basal metabolism of hypophysectomized and thyroidectomized dogs 752
— — Pituitary and thyroid activity in relation to basal metabolism 660
— (Biasotti): Hypophysis and pancreatic diabetes in batrachians and reptiles 553
— (Biasotti and Magdalena): Hypophysis and thyroid; action of anterior lobe extracts on the histology of the dogs' thyroid 645
— — Hypophysis and thyroid; hypophysis and compensatory hypertrophy of the thyroid 660
— — Pituitary and thyroid; effect of anterior pituitary lobe extract on microscopical aspect of thyroid.....310
— (Biasotti and Mazzocco): Action of anterior pituitary extract on blood iodine of thyroidectomized and hypophysectomized dogs 437
— — Hypophysis and thyroid action of anterior lobe extracts on the weight of the thyroid 645

Houssay, B. A. (Biasotti and Mazzocco): Pituitary and thyroid VIII. Anterior pituitary lobe extract on weight of thyroid...294
— (Biasotti, di Benedetto and Rietti): Anterior pituitary extract in phlorizin diabetes.438
— — Diabetogenic activity of anterior pituitary extracts..437
— — Diabetic effects of extract of anterior lobe of hypophysis in dogs.....553
— (di Benedetto): Anterior pituitary extract and hyperglycemia produced by morphine and adrenaline 645
— — Rôle of the hypophysis in adrenaline and morphin hyperglycemia 295
— (di Benedetto and Mazzocco): Hypophysis and glycogen in toads 552
— (Mazzocco and Biasotti): Hypophysis and thyroid; effect of anterior lobe extract on blood iodine 295
— (Riette): Hypophysis and thyroid; extracts of the anterior lobe of the hypophysis and susceptibility to lack of oxygen 660
— (Rubio): Functions of the grafted gall bladder. Duodenal cholecystokinetic hormone 282
Howard, Evelyn: cf. Grollman...145
Hubble, D.: Influence of endocrine in blood disorders.....636
Huber, W.: cf. Paal.....314
Hückel, R.: cf. Lucke.....439
Hunscher, Helen A. (Donelson, Nims, Kenyon and Macy): Metabolism of women during the reproductive cycle; nitrogen utilization 428
Hunt, H. M.: cf. Joslin.....444
Hurthle, R.: Hypophyseal cachexia 553
Hurxthal, L. M.: Blood cholesterol in thyroid disease; effect of treatment 660
Huszak, St.: cf. Annau.....739
Hutton, J. H.: cf. Nerancy.....642

Imuro, S. (Murata): Amount of so-called hypophysis hormone in blood and urine in pregnancy..295
Ito, Y.: cf. Ogata.....289
Iwanow, G.: The chromaffine and interrenal system of man.....277

Jakobson, B. M.: The effect of insulin and adrenaline on the excretion of nitrogen and sulfur..651
Jamieson, H. C.: The high carbohydrate low fat diet for diabetic children 651
Jaso-Roldan, L.: cf. Aschner....755
Jenkins, R. L.: Etiology of mongolism 636
John, H. J.: Glucose tolerance studies in children and adolescents 75
Johnson, Anna A.: cf. Risk.....654
Johnson, G. E. (Gann, Foster and Coco): Effect of daily heteropituitary implants into adult but sexually inactive male ground squirrels 86
Johnston, R. L.: Studies in physiology of prostate gland.....123
Jones, Mildred (Barnes): The thyroxine content of thyroglobulin.310
de Jongh, S. E. (Mulder): Masculinization of the external genitalia of female guinea pigs by injection of male hormone.....428
Jordon, W. R.: Epilepsy and convulsions in diabetes 651
— Neurological manifestations of hypoglycemia 758
Josefson, A.: Nervous organic disease 426
Joslin, E. P.: Fat and the diabetic.758
— (Root, White, Marble and Hunt): Diabetic coma 444
Josserand, A.: cf. Arloing.....633
Junkmann, K.: cf. Hohlweg.....552

Kaiwa, T.: The effect of thyroidectomy and adrenalectomy on the basal metabolic rate of the rabbit 311
Karnicki, W.: The influence of the endocrine glands on the development and maintenance of experimental cancer 742
Karr, W. G. (Scull and Petty): Insulin resistance and sensitivity 652
Kaufman, L.: Experiments on the effect of injections of extracts from aged and embryonic animals on the growth of mice...637
Kehl, R.: cf. Courrier 745
Keller, A. D.: cf. D'Amour.....644
Kelly, G. L.: Simple test for pregnancy using immature female albino rats; premature establishment of vaginal orifice by intraperitoneal injections of urine of pregnant women 288
— The effect of anterior hypophysis on conception and pregnancy 428
Kemp, T.: Inheritance of sporadic goiter 660
— (Pedersen-Bjergaard): On the absorption and elimination of folliculin in man.....747
Kemp, W. N.: Hyperemesis gravidarium treated as a temporary adrenal cortex insufficiency....544
— The stillbirth problem in relation to iodine insufficiency..661
Kennedy, W. P.: Quantitative variation of the anterior pituitary hormone, "APH-B," in the blood during pregnancy 553
— The mouse unit of anterior pituitary hormone B 553

Kennedy, H. S.: cf. Anderson.... .....143, 744
Kenyon, Fanny: cf. Hunscher...428
Kenyon, Josephine H.: Hypopituitary type of obesity treated without glandular medication..154
Kepler, E. J. (Barnes): Congestive heart failure and hypertrophy in hyperthyroidism; a clinical and pathological study in 178 fatal cases .....
Kincov, J. (Zillessen and Rowntree): Studies of the adrenal glands in health and disease. II. Effects of an excess of cortical hormone in Addison's disease..361
King, A. G.: Uterine reactions to sex hormones in the immature guinea pig 539
Klein, M.: The relations between the gravid uterus and the corpus luteum in rabbits during the latter half of pregnancy.....747
Kleiner, G.: cf. Czoniczer.....434
Knab, F.: Treatment of hemorrhages of ovarian origin by means of hormone of corpus luteum 748
Koch, F. C.: cf. Gallagher.....107
Koehler, Gertrude: cf. Zondek...442
Koh, M. L.: Method of estimating functional activity of thyroid by means of urine or serum and studying relationship between thyroid and other endocrine glands 311
v. Kowkas, E.: cf. Verzár.....297
Kolodner, L. J.: cf. Rubinstein..754
Kosaka, Y.: Quantitative studies on the cortex and medulla of the suprarenal gland in the adult guinea pig 277
Kozelka, F. L. (Hart, Bohstedt): Growth, reproduction and lactation in the absence of the parathyroid glands 655
Kovacs, F.: The pathology of hirsutism and virility 429
Kraemer, G. O.: cf. Gostimirovic.549
Kraft, Ruth, M.: The effects of the gonadal-stimulating hormone of the anterior pituitary on the voluntary activity, the age of maturity and the size of the litter in immature female albino rats 438
Kranes, A.: cf. Hertz.....350, 415
Kraul, L.: The influence of hormonal substances on the function of the anterior lobe of the pituitary and the practical importance of this 752
Krčma, A.: cf. Löw.....301
Kroc, R. L.: cf. Martin.....145
Krock, F.: cf. Taylor.....431
Krogh, M. (Okkels): Is the thyroid-stimulating hormone of the anterior lobe of the hypophysis eliminated by the kidney.....645
Krohn, H.: cf. Zondek.....299
Kubo, S.: Influence of adrenalectomy on fat content of diverent organs and influence of sulfur on fat content of adrenalectomized animals 277
Kugelmann, B.: The relations between insulin and adrenaline in humans 301
Kühmau, J.: cf. Schmitz.....741
Kun, H.: cf. Steinach.....290
Kurzrok, R. (Bates, Riddle and Miller): Clinical use of prolactin 18
Kustner, H.: The treatment of eclampsia and pre-eclampsia with thyroxine 312

La Barre, J. (Lorthioir): Insulin secretion after radiation of the pancreatic region 759
— cf. Zunz 636
Labbé, M. (Azérad and Solomon): Condition of vegetative nervous system in exophthalmic goiter and in Basedowoid sympathetic syndrome 312
Lanari, A.: cf. Campos.....433
Lande, H.: Uncontrollable causes of death in diabetic coma.....158
Landon, J. F.: Parathyroidectomy in generalized osteitis fibrosa cystica; report of a case in a child 2½ years of age.....761
Langsdorf, O.: Circulatory aspects following experimental suprarenalectomy 634
Larrosa, Helguera, R. A.: cf. Mussio Fournier 527, 533
Lee, M. O. (Schaffer): The effect of anterior pituitary growth hormone on the composition of growth, and on ash, nitrogen and energy balances in rats under a paired-feeding regimen..154
Leet, N. B.: cf. Lisser.....333
Lehnherr, E. R.: Arteriosclerosis and diabetes mellitus 759
Leland, J. P.: cf. Palmer.....314
Lelkes, Z.: On the iodine content of the thyroid gland in the human foetus, new born and suckling 661
Leloir, L. F.: cf. Dambrosi.....739
Lendel, E. (Hogreve): Correlation of five hormone organs; hypophysis, thyroid, thymus, testes and suprarenal, in normal man and domestic animals, by means of interferometric method of Abderhalden reaction.....282
Lengyel, L.: cf. von Arnay.....275
Leonard, S. L.: Differential effect of prolan in decreasing the potency of the hypophysis in normal and castrate rats.....640
— Increased stimulation of immature rat ovaries by combined injections of prolan and hypophyseal sex hormone.....429

Leonard, S. L.: cf. Main.....629
— cf. Smith 441
— cf. White 298
Lerman, J.: Lymphoma of the thyroid; report of two cases...452
— (Means): Cardiovascular symptomatology in exophthalmic goiter 661
— (Salter): Calorigenic action of thyroid and some of its active constituents 317
— cf. Ayer 701
Letter: Action of the posterior lobe of the hypophysis in headache 295
Leulier, A. (Revol): Chemistry of adrenals of mammals. Comparative study of medulla and cortex 278
Levine, S. A. (Cutler and Eppinger): Thyroidectomy in the treatment of advanced congestive heart failure and angina pectoris 765
Lewis, J. T. (Turcatti): Adrenals and pancreatic diabetes 652
— cf. De Meio 276, 634
Lin, K. H. (Tsai and Wan): Oestrous rhythm of vegetarian and omnivorous rats 288
Lipschütz, A.: Further studies on the coefficient of luteinization..752
— Masculinization in guinea pigs by partial resection of the ovary 748
— Pigmentation of the mammary region of the hyperfeminized male guinea pig 288
— The coefficient of luteinization, functional measure of the anterior lobe of the hypophysis 296
— The experimental production of sexual characteristics in mammals 748
— (Reyes): A specific sex difference in the anterior lobe of the hypophysis in the rat...645
— — Sex specific differences in the behavior of the anterior lobe of the hypophysis in the rat.....296
— — The capacity for stimulating the formation of the corpora lutea found in the hypophyses of young and old female rats 296
— cf. Cadiz 745
Lisser, H. (Taylor and Leet): Adrenal cortical therapy of Addison's disease 333
Lockwood, J. E.: cf. Hartman...145
Loeb, L.: Anterior pituitary hormone acting on the ovary and differences in the reactions in different species 752
— Effects of different anterior pituitaries and human pregnancy urine on rat sex organs 641
— cf. Closs 293
Loeser, A.: The preparation of thyreotropic extracts of the anterior lobe 645
— The skin as a hormone bearer during pregnancy 429
— cf. Eitel 434
London correspondent: An international standard for the estrus-producing hormone 149
London, E. S.: Dynamics of internal secretions. I. Methods...301
— Dynamics of internal secretions. III. Internal and external secretions 301
Long, J. A.: cf. Pencharz.....646
Long, J. H.: cf. Novak.....642
Long, M. L. (Bischoff): A carbohydrate balance sheet for the adrenalinized fasting rat sacrificed in the recovery period....635
— cf. Bischoff.....635
Loos, H. O. (Rittmann): Suprarenal cortex and sexual development 741
Lorthioir, P.: cf. La Barre.....759
Löw, A. (Krčma): Insulin and liver fat 301
Lower, N. E.: The endocrine influence on the male sex organs.429
Lucarelli, G.: The action of the pituitary sex hormone on some endocrine glands (pancreas, adrenals, hypophysis, thyroid) after ligature of the deferen vessels 426
— The action of the pituitary sex hormone on the testicles after ligature of the vas deferens 753
Lucas, W. P. (Pryor): The body build factor in the basal metabolism in children.....637
Lucke, H. (Heydemann and Hechler): A specific hormone of carbohydrate metabolism antagonistic to insulin found in the anterior hypophysis 554
— (Hückel): The effect of extracts of the anterior pituitary lobe on growth 439
Lueders, C. W.: Insulin therapy in certain disorders of nutrition.444
Lund, S. E. T.: Mongolism in monozygotic twins 637
Lusk, G.: cf. Dann.....308
Lyons, W. R.: cf. Chaikoff.....757
— cf. Cole 548

Macdonald, A. D.: The action of pituitary extracts on the kidney.554
Macdonnell, P. M.: A case of glycosuria, simulating cerebral thrombosis; post-mortem diagnosis—brain tumor 652
Machii, H.: cf. Mauri.....278
MacKay, E.: cf. Closs.....293
Macleod, J. J. R.: The control of carbohydrate metabolism 445
Macy, Icie G.: cf. Hunscher.....428
Madhava, K. K.: cf. McCarrison.453

Magdalena, A.: Hypophysis and thyroid; action of extirpation and implantation of the hypophysis on the thyroid of B. arenarum 438
— Hypophysis and thyroid; effect of ablation or implantation of the thyroid on the hypophysis of toads 662
— cf. Houssay.....310, 645, 660
Main, R. J. (Leonard): Nature of gonadotropic hormone found in urine in case of teratoma testis.629
— cf. Ware 432
Mandel, F. (Uebelhör): Parathyroid hormone-osteitis fibrosa-kidney stone 160
Mandelshtam, A. E. (Chaykovisky): Hormonal sterilization of female organism 639
Mann, F. C.: cf. Herrick.....310
Marañon, G. (Collazo, Garton and Roda): Action of adrenal cortical hormone on elimination of cholesterol by bile 393
— (Salas and Arguelles): Digestive symptoms in chronic suprarenal insufficiency (Addison's disease) 497
— cf. Collazo 739
Marble, A.: cf. Joslin 444
Maresh, F.: cf. Martin.....278, 544
Marenzi, A. D.: Phosphocreatine and glutathione in muscle of hypophysectomized toads 646
Markee, J. E.: cf. Davis.....382
Marrian, G. F. (Haslewood): The chemistry of oestrin; mechanism of conversion of trihydroxyoestrin into ketohydroxyoestrin.150
Martin, Carol: cf. Paul.....158
Martin, S. J. (Kroc): Effect of cortical extracts on the oestrual cycle of completely suprarenalectomized rats 145
— (Maresh): Temperature studies in normal and suprarenalectomized rats 278, 544
Martinez de Hoz, R.: cf. Masciottra 641
Marui, E. (Machii): Experimental investigation of action of adrenaline and destruction of same in bodies of normal, starved and phosphorous-poisoned rabbits with special regard to adrenaline poisoning by disturbance of liver function..278
Masciottra, R. L. (Martinez de Hoz): New test for diagnosis of pregnancy; hormonal hypercholesterolemia 641
Mathieu, F. (Barnes): Fate of the thyroid hormone in experimental hyperthyroidism 313
Maveroff, H.: Anterior pituitary extract and blood glutathione..439
— Hypophysis and blood glutathione 753
Mavromati, L.: The influence of the uterus on the secretion of folliculin by the ovary.....642
Maxwell, L. C. (Bischoff): Hormones in cancer; the effect of glandular extirpation upon resistance to tumor tissue grafts.743
— cf. Bischoff 742
Mayer, A.: Studies on the gaseous metabolism of rabbits following injections of the gonadotrophic principle of the urine of pregnant women 642
Mayer, Laurence H. (Welton): What we are and why.....423
Mayer, L. L. (Rony): Visual fields, blind spots and the optic disc in endocrine diseases 282
Mazzocco, P.: Specific dynamic action in fasting hypophysectomized dogs after lesion of tuber cinereum 439
— cf. Houssay.294, 295, 437, 552, 645
McCarrison, R.: Effect of sunlight and darkness on the thyroid gland 452
— (Madhava): The effect of insanitary condition on the thyroid gland and other organs of the body 453
McCrie, J. G. (Mears and Millar): A case of Addison's disease treated with cortical suprarenal extract 145
McCullagh, D. R. (Cuyler and Frawley): The origin of the comb-growth promoting substance in male urine 150
McCullagh, E. P.: Diagnosis of hypogonadism in the male....289
McHenry, E. W.: cf. Best.....547
McLean, D.: Further observations on testicular extract and its effect upon tissue permeability..150
McManus, Mary: cf. Rowe.....759
McQuarrie, I.: cf. Thompson....156
Means, J. H.: The diagnostic use of iodine in thyrotoxicosis.....765
— cf. Ayer 701
— cf. Lerman 661
Mears, J. M.: cf. McCrie.....145
Mecz, M.: cf. Rotter.....315
Medvedeva, A.: Specificity of hypoglycemia hormone of suprarenal gland 279
Meltzer, Sara: cf. Abbott.....658
Mendel, L. B.: cf. Reed.....150
Mengert, W. F.: Periodicals on endocrinology of sex.....421
— The relation of maternal metabolism to infant birth weight 453
Menninger, W. C.: Psychological picture of case of Laurence-Moon-Biedl syndrome 583
Merklen, L.: cf. Hermann.....741
Meyer, E.: Constitution of 3254 Freiburg students, including the size of thyroid gland.....313
Mikula, M.: A rare case of polydactylism 155
Miletzkaja, S.: cf. Asimov.....762
Millar, W. G.: cf. McCrie.....145
Miller, C. O.: cf. Siehrs.....147
Miller, E. G.: cf. Kurzrok..... 18

Miller, R. F.: cf. Cole.....286
Miller, R. H.: Lingual goiter....453
Mills, Sylvia M.: Evidence for a neurohumoral control of fish melanophores 547
Minot, A. S.: cf. Bryan.....159
Mittelmann, Bela: Psychogenic factors and psychotherapy in hyperthyreosis and rapid heart imbalance 313
Miwa, T.: The hormone of the spleen 447
Modell, W.: Observations on the structure of the blood vessels within the thyroid gland of the dog 662
Monroe, R. T.: cf. Hall.....451
Morato, J. X.: Cellular development and secretory phenomena in the anterior lobe of the hypophysis studied by the silver impregnation method. Further results of the application of silver staining to the study of the hypophysis 646
Morel, A.: cf. Arloing.....633
— (Field): Effect of diet on response to parathyroid extract and vitamin D; the relation of calcium and phosphorus of the diet to response to parathyroid extract in rats.655
— (Garrison): The effect of diet on response to parathyroid extract and vitamin D; the effect of high calcium low phosphorus diets in dogs...655
— (Garrison and Hills): The effect of diet on response to parathyroid extract and vitamin D; the effect of low calcium-high phosphorus diets in dogs 656
— (Garrison, Gillum and Hills): Effect of diet on response to parathyroid extract and vitamin D; the effect of diets of normal calcium and phosphorus content in dogs.....656
Morison, R. S.: cf. Freeman.....425
— Erythremia; therapeutic suggestion 426
— (Schiff, Foulger, Rich and Sherman): Observations on hematopoietic hormone (addisin) in pernicious anemia.282
Mortimer, H.: cf. Rowe..... 20
Mosinger, M.: cf. Roussy...647, 754
Moszkowska, A.: cf. Guyenot....644
Mueller, S. C.: cf. Ford.....286
Mulder, J. D.: cf. de Jongh.....428
Mulier, H.: cf. Topper.....665
Muñoz, J. M.: Anterior pituitary lobe extract and blood lipids...439
Murphy, D. P. (de Renyi): Sex determination of Dorn and Sugarman 521
Murata, M.: cf. Fukui.....294
— cf. Iimuro 295
— cf. Ueno 297
Murlin, J. R.: cf. Eaton.....443
Murphy, D. P. (Shoemaker and Rea): Menstrual response to luteinizing extract of pregnancy urine 203
Murray, M. M.: The antagonistic effect of alcohol on pituitary hyperglycaemia 554
Murray-Lyon, R. M.: The symptomatology of diabetes mellitus; an analysis of 1700 cases.....759
Musser, J. H. (Wright): Hypertension, obesity and hyperglycemia 445
Mussio-Fournier, J. C. (Garra and Castiglioni): A case of parathyroid tetany with normal chronaxie and gastric spasms..656
— (Larrosa Helguera): Optic nerve and myxedema 527
— (Castiglioni and Andio): Familial infantilism due to hypophyseal and thyroid insufficiency 533

Nakamura, U.: Experimental study of thyroid function during pregnancy, parturition and puerperium; on metabolism of iodine during pregnancy, parturition and puerperium 313
Nash, T. P.: cf. Harned.....157
Nelson, W. O.: Studies on the physiology of lactation. III. The reciprocal hypophyseal-ovarian relationship as a factor in control of lactation 33
— (Smelser): Studies on the physiology of lactation; lactation in the male guinea pig and its bearing on the corpus luteum problem 289
— cf. Barnes 649
Nerancy, J. T. (Steinberg and Hutton): Ovarian insufficiency and mental disorders 642
Netter, R.: cf. Bailly.....739
Neumann, H. O.: Experimental studies on the problem of sex inversion; a contribution on the question of antihormonal sterilization of male animals.....150
Newton, F. C.: cf. Derick.....649
Nilus, F.: Three cases of sclerotic blue and the endocrines 427
Nims, Betty: cf. Hunscher.....428
Nitzescu, I. I. (Canciovici): Insulin and the protein equilibrium of the blood serum.....652
Noble, E. (Ronald): Childhood myxedema 662
Noble, G. K. (Bradley): The relation of the thyroid and the hypophysis to the molting process in the lizard 743
Noether, P.: Biological evaluation of the colloid of beef hypophysis 296
North, J. P.: The use of continuous venoclysis of glucose after thyroid operations 453
Northup, D. W.: cf. Gellhorn ...154

Notkin, J.: A clinical study of psychoses associated with various types of endocrinopathy...283
Novak, E. (Long): Ovarian tumors associated with secondary sex changes; granulosa cell carcinoma and arrhenoblastoma..642
Novelli, A.: Posterior hypophyseal extract and imbibition in Batracians 646
— Posterior pituitary lobe and imbibition in batrachians 439
— Sexual activity of anterior pituitary lobe in female toads...296
Nowinski, V. W.: Relation between thymocrescin and thyroxine in the growth of animals 657
Nuzum, F. R.: cf. Elliott.....462

Oberdisse, K.: Metabolic studies on the site of action of thyroid.314
Oefelein, F. (Trautwein): Catalase studies in adrenalectomized guinea pigs and in Addison's disease 545
—— Studies on adrenalectomized guinea pigs 545
Offergeld, H.: The effect of follicular hormone on the untimely secretion of milk.....155
Ogata, A. (Ito): Male hormone. I. The hormone in the urine of males 289
Ohmi, F.: Again on the hypoglycemic ability of insulin upon rabbits doubly suprarenalectomized or splanchnicotomized..445
Okkels, H.: cf. Krogh 645
Oliver, Marguerite: cf. Scott....546
Oliver, Mary: cf. Scott.....546
Ornstein, I.: cf. Parhon 315
Ortenberg, S.: Parathyroid dysfunction; report of case treated with parathormone and irradiated ergosterol 657
österreicher, W.: Increased excretion of anterior pituitary lobe hormone "prolan" in the urine during the involuntional period and senility 554
Overholser, M. D. (Allen): Ovarian hormone and traumatic stimulation of monkey's cervix to a condition resembling early cancer 549

Paal, H. (Huber): Studies on Reid-Hunt reaction. IV. Dependence of content of active substance in thyroid glands upon alimentary and hormonal factors 314
Packard, M. (Wechsler): Chronic adrenal insufficiency: an hitherto undescribed syndrome: with case report 146
Palmer, W. W. (Leland): Observations of Morch's method for standardization of thyroid gland preparation 314
— cf. Gutman 451
Palmier, M. L.: cf. Cowgill.....307
Papanicolaou, G. N.: The sexual cycle in the human female as revealed by vaginal smears.....550
Parhon, C. I. (Cernautzeanu-Ornstein): Influence of extirpation of one external parathyroid on the lipoid contents of the corresponding undisturbed gland.657
— (Ornstein): Influence of thyroxine on cholesterolemia and lipemia 315
Parker, G. H. (Porter): The control of the dermal melanophores in elasmobranch fish.....753
Patton, Helen: cf. Starr.....113
Paul, W. D. (Clark and Martin): Hyperglycemia, glycosuria and the respiratory quotients as the result of insulinization of non-diabetics 158
Pavlovic, R. A. (Tihomirov): Morphological changes in the parathyroid glands of rabbits during poisoning with sodium fluoride 657
Pedersen-Bjergaard, K.: cf. Glud.549
— cf. Kemp 747
Pemberton, J. de J.: cf. Beaver..763
— cf. Wilder 455
Pencharz, R. I. (Long): Hypophysectomy in the pregnant rat.646
— cf. Evans 601, 607
Peter, H. (Rea and Visscher): The influence of calcium salts and parathyroid extract upon the energy liberation and efficiency of the heart 303
Petty, O. H.: cf. Karr.....652
Phillips, F. J.: cf. Curtis.....658
Pighini, G.: Pituitary hormones and the male genital organs...440
Pincus, G. (White): On the inheritance of diabetes mellitus; an analysis of 675 family histories 159
— cf. Enzmann 286
Pokorny, N.: cf. Derick.....649
Ponse, K.: cf. Guyenot.....640, 644
Porter, H.: cf. Parker.....753
Portman, K.: cf. Glud.....649
Prather, G. C.: The use of cortin following removal of a large adrenal tumor 425
Pratt, J. P.: Human corpus luteum and progestin 667
— Quantitative hormone requirements 211
Pryor, H. B.: cf. Lucas.....637
Pugsley, L. I.: The effect of parathyroid hormone and irradiated ergosterol on calcium and phosphorous metabolism in the rat.303
— (Selye): The histological changes in the bone responsible for the action of parathyroid hormone on the calcium metabolism of the rat.762
— cf. Thomson.....304
Putnam, T. J.: The present status of diseases of the hypophysis..754

Räihä, C. E. (Uotila): Has insulin an effect on the thyroid gland? 663
Rankin, E. W. (Haines): The diagnosis and treatment of atypical hyperthyroidism 315
Raposo, L.: Mechanism of pulmonary oedema following adrenine injections 635
Rapport, D.: cf. Canzanelli 307
Rasmussen, A. T.: Percentage of different types of cells in anterior lobe in adult human female.754
Rathery, F. (Cosmulesco): Variations in free and combined sugar in diabetics following ingestion of glucose with or without insulin 302
Rea, C. E.: cf. Peter.....303
Rea, M.: cf. Murphy.....203
Reed, C. I.: Further studies on the physiological action of irradiated ergosterol 303
Reed, L. L. (Anderson and Mendel): Factors influencing the distribution and character of adipose tissue in the rat.....150
Regan, J. F. (Barnes): The effect of previous hypophysectomy upon the diabetes resulting from pancreatectomy 159
— cf. Barnes 649
Reilly, W. A.: Some endocrine observations on advanced ossification in children 117
Reimann, H. A.: cf. Fisher.....157
Reiss, M. (Druckery and Fischl): The energy basis of endocrine action; the metabolism of the testicle under the influence of the sexual hormone of the anterior lobe of the hypophysis....440
— (Hochwald and Druckrey): The rôle of growth hormone in the metabolism of liver and kidney 440
Remen, L.: Creatinuria and ovarian function 430
de Renyi, G. S.: cf. Murphy.....521
Revol, L.: cf. Leulier.....278
Reyes, G.: cf. Lipschütz....296, 645
Reynolds, S. R. M. (Allen): The action of corpus luteum extracts containing progestin on urine motility in the unanesthetized rabbit 289
— cf. Firor 153
Rich, M. L.: cf. Morris.....282
Richter, C. P.: Cyclical phenomena produced in rats by section of the pituitary stalk and their possible relation to pseudopregnancy 647
Riddle, O.: Differentiating some functions of the anterior pituitary hormones 440
— (Bates and Dykshorn): The preparation, identification and assay of prolactin—a hormone of the anterior pituitary 155
Riddle, O. (Bates and Dykshorn): Thyroid hyperthrophy as a response to the gonad-stimulating hormone of the pituitary.....156
— (Smith and Benedict): Seasonal, endocrine and temperature factors which determine percentage metabolism per degree of temperature change 283
— cf. Kurzrok 18
Rietti, C. T.: Ketosis in the pancreatic and phlorrhizin diabetes of hypophysectomized dogs....554
— cf. Houssay....437, 438, 553, 660
Rigoletti, L.: cf. Battistini 756
Ring, G. C. (Hampel): Effects of adrenal medulla and thyroid on the respiratory metabolism of pancreatic diabetes 159
Riseman, J. E. F.: cf. Blumgart.448
Risk, R. R.: cf. Dragstedt.....654
Rittmann, R.: cf. Loos.....741
Robbins, J. H.: Use of cortin in a case of acute hyposuprarenalism occurring as a sequela of acute streptococcic sore throat.....279
Robinson, M. H. B. (Thompson): The effect on the body temperature of animals of injection of an extract of parathyroid glands.303
Robson, J. M.: The reactivity and activity of the human uterus at various stages of pregnancy and parturition 748
Rock, J.: Clinical trials with the so-called female sex hormone..430
— cf. Smith 431
Roda, E.: cf. Collazo 739
— cf. Marañon 393
Rogoff, J. M.: Experimental Chronic adrenal insufficiency (Addison's disease) in animals.146
— cf. Cohen 144
Roholm, K. (Hess Thaysen): Hypoglycemic symptoms in diabetes; effect of intravenous injection of insulin 652
Ronald, A.: cf. Noble.....662
Rony, H. R.: cf. Mayer.....282
Root, H. F.: New cases of combined pernicious anemia and diabetes 445
— cf. Joslin 444
Rosenblueth, A. (Cannon): Some circulatory phenomena disclosed by ergotoxine 146
Rossignoli, J. J. (di Benedetto, Guerrero and di Benedetto): Physico-chemical changes in plasma of thyroidectomized dogs 314
Rotter, G. (Mecz): Standardization of thyroid preparations...315
Roussy, G. (Mosinger): Anatomical connections between the hypothalamus and the hypophysis 647
— — The indirect endocrine relationship between hypophysis and tuber cinereum..754

Rowe, A. W. (McManus): Metabolism in pregnancy; blood sugar changes during delivery. 759
— (Mortimer): Note on acromegaly with report of a case.... 20
Rowntree, L. G.: cf. Clark.....256
— cf. Kincov 361
Rubenstein, H. S.: Production of testicular descent with water-soluble (anterior pituitary-like) fraction of pregnancy urine ...475
— (Kolodner): The effect of the growth hormone on body and tail lengths 754
Rubio, H. H.: cf. Houssay.....282
Rudolph, J. A.: cf. Cohen.....144
Rudy, A.: The relation of the blood sugar to the symptoms of the insulin reaction; with a discussion of the mechanism of hypoglycemia 759

Salas, P.: cf. Marañon 497
Salter, W. T.: cf. Lerman.....317
Samarajew, W. N.: The mitogenetic rays of the blood in artificial hyperthyroidism and Basedow's disease 315
Sammartino, R.: cf. Schteingart. 453
Sand, Knud P.: The physiology of the testes 142
Sandulesco, G.: cf. Girard.....747
Santenoise, D.: cf. Hermann....741
Saphir, N. R.: cf. Enzmann.....286
Saphir, W.: Anterior pituitary hormone and tumor growth....191
— Concerning function of pineal body 625
Sasaki, K. J.: Relationship between internal secretions and sodium chloride content of bile. 283
Savage, M.: cf. Sherwood.....431
Sawyer, E. M. Mack: cf. Freeman. 425
Sawyer, Margaret E.: Eye reactions in pancreatic diabetes....652
Schaefer, R. L.: cf. Engelbach...387
Schaefer, W. H.: Hypophysectomy and thyroidectomy of snakes 453
Schaffer, N. K.: cf. Lee.....154
Schechter, M.: Cyanogen metabolism; thyroid gland activity and lack of oxygen.....663
Scherer, I. R.: cf. Allan.....157
Schereschewsky, N. A.: The adrenal-genital syndrome 279
Scheurer, G.: cf. Fonio.....451
Schick, B. (Topper): Lowered basal metabolism in conditions characterized by slow pulse rate. 637
Schidt, E.: cf. Holten.....277
Schiff, L.: cf. Morris.....282
Schittenhelm, A. (Eisler): Therapeutic experiments with hypophyseal hormone influencing thyroid 315
Schmitz, E. (Kühnau): The internal secretfon of the adrenal cortex 741
Schneider, E. (Widmann): Clinical and experimental studies of goiter problem and of exophthalmic goiter 664
Schockaert, J. A.: On the lack of identity between prolan and the gonadotropic hormone of the anterior lobe of the hypophysis. 755
Schrive, I. (Zwarenstein): Influence of gonads on protein metabolism; urinary creatinine after castration 290
Schteingart, M. (Sammartino): Action of fluorine on histological aspect of thyroid.....453
— cf. Castex 307
Schube, P. G.: Encephalography in abnormal mental states with diabetes insipidus 647
Schulz, R. Z.: cf. Derick.....649
Schwarcz, R.: A new pregnancy test; the Friedmann reaction on the blood plasma 749
Schwartz, C.: cf. Hamilton.....654
Schwarz, H. (Topper): Cholesterol partitions of the blood in myxedema (cretinism) 665
Scott, E. (Oliver and Oliver): Sympathetic tumors of the adrenal medulla 546
Scott, J. W.: cf. Cantor.....341
Scull, C. W.: cf. Karr.....652
Seekles, L. (Sjollema and Van der Kaay): Changes in the composition of the blood and in the tone of the vegetative nervous system in cows during pregnancy and parturition 290
Selye, H.: Action of parathyroid hormone on the epiphyseal junction of the young rat.....303
— Scleroderma and its causation. 304
— (Collip and Thomson): Effect of hypophysectomy upon pregnancy and lactation in mice 749
— — Nervous and hormonal factors in lactation 237
— cf. Collip 639
— cf. Pugsley 762
Severinghaus, A. E.: A cytological study of the anterior pituitary of the rat, with special reference to the Golgi apparatus and to cell relationship 755
Sevringhaus, E. L.: The use of folliculin in involutional states. 749
Sexton, D. L.: Treatment of sexual development in human male with anterior pituitary-like hormone of urine of pregnancy... 47
Shcherbakov, S. A. (Zimnitskii, Vishnevskii and Zatornitzkaya): Action of pain stimuli on internal secretions of adrenals, pancreas and blood sugar 302

Shelesnyak, M. C.: The production of deciduomata in immature rats by pregnancy urine treatment 430
— The production of deciduomata in spayed immature rats after oestrin and progestin treatment 430, 550
Sherman, I.: cf. Goldzieher 505
Sherman, J. E.: cf. Morris.....282
Sherwood, T. C. (Savage and Hall): The effect of amniotin on the basal metabolism of rats and rabbits 431
— (Toth and Carr): Effects of cod-liver oil on basal metabolism and on the thyroid gland 254
Shinobe, S.: Studies on influence of various glands of internal secretions on gas exchange in animals suffering from B avitaminoses. II. The influence of insulin 302
Shirer, J. M.: Hypermotility of the gastro-intestinal tract in hyperthyroidism; a study of 42 cases.316
Shoemaker, Rosemary: cf. Murphy 203
Shumacker, H. B. (Firor): Interrelationship of adrenal cortex and anterior lobe of hypophysis 676
Siehrs, A. E. (Miller): Disappearance of vitamin C from adrenals of guinea pigs having scurvy 147
Simpson, Miriam E.: cf. Evans... .....601, 607
Simpson, S. L.: cf. Bernhardt...543
Sitsen, A. E.: Normal organ weights 284
Sjollema, B.: cf. Seekles.....290
Skipp, W. M.: Pituitary headache.596
Sloan, L. W.: cf. Gutman.....451
Smelser, G. K.: cf. Nelson.....289
Smith, A. M.: Roentgen therapy of exophthalmic goiter 591
Smith, G. C.: cf. Riddle.....283
Smith, G. V. S. (Rock): Dysfunctional uterine bleeding, results in treatment with extracts of the urine of pregnant women..431
Smith, P. E.: Increased skeletal effects in anterior pituitary growth-hormone injections by administration of thyroid in hypophysectomized, thyroparathyroidectomized rats.....441
— (Leonard): Effect of injecting pregnancy-urine extracts in hypophysectomized rats; the male. Effect of injecting pregnancy-urine extracts in hypophysectomized rats; the female. Mating reaction of hypophysectomized male rats treated with pregnancy-urine extracts 441
Soeken, G.: On the physiology of puberty; the excretion of anterior pituitary hormone-A in urine 755
Solá, E.: Malignant goiters.....316
Solari, L. A.: cf. Artundo.....750
Solomon, E.: cf. Labbé.....312
Soskin, S.: cf. Strouse.....446
Spence, A. W.: Basal oxygen consumption of goitrous and non-goitrous rats 316
Spielman, F. (Goldberger and Frank): Hormone diagnosis of viability of pregnancy.....431
Stanley, L. L. (Hawkins): Implantations of anterior pituitary glands in alopecia 441
Starr, P. (Patton): Effect of pregnancy urine extract and ovarian follicular hormone on hyperthyroidism 113
Stein, S. I.: Experimental studies on the hypophysis cerebri. III. Effect of several pregnancies in the albino rat.....721
— The effect of castration on the hypophysis cerebri of the male albino rat 156
Steinach, E. (Kun): Lutein tissue and male sex characters 290
Steinberg, D. L.: cf. Nerancy....642
Stella, G.: The action of adrenaline upon the cardiac vagus centers 279
Stockheim, W.: The mode of action of thyroxine 765
Stoll, H. F.: Chronic invalidism with marked personality changes due to myxedema.....453
Strouse, S. (Soskin): Treatment of the same diabetic patient with widely varying diets.....446
tum Suden, Caroline: cf. Wyman.147
Sullivan, E. A.: Insulin therapy in post-pellagrous trophic ulcers 760
Sullivan, Ruth C.: cf. Zwemer.97, 730
Svirbely, J. L. (Szent-Györgyi): Function of adrenal medulla...279
— cf. Annau 739
Swezy, Olive: Hormones of hypophysis of infantile rat.....619
Sykes, J. F.: cf. Taylor.....447
Szent-Györgyi, A.: Hexuronic acid as antiscorbutic factor.....279
— cf. Annau.....739
— cf. Svirbely 279

Tainter, F. J.: Case of homo transplant of parathyroid for tetany.304
de Takats, G. (Cuthbert): Surgical attempts at increasing sugar tolerance 760
— (Fenn): Bilateral splanchnic nerve section in a juvenile diabetic 653
Talbot, F. B.: Interpretation of basal metabolism in children...637

Tanino, F.: The iodine and bromine content of the thyroid....663
Targow, A. M.: Effect of growth-promoting extracts of bovine anterior hypophysis on hypophyses of castrated albino rats...441
Taubenhaus, M.: A case of calcification of the pineal gland associated with other endocrine disturbances 304
Taylor, F. B.: cf. Lisser.....333
Taylor, J. M. (Wolfermann and Krock): Arrhenoblastoma of the ovary 431
Taylor, N. B. (Weld and Sykes): Vagal innervation and parathormone 447
Taylor, S. G.: cf. Thompson.....228
Tchernozatonskaia, E. P.: Use of pregnancy urine and prolan in animal industry 482
Tedstrom, M. K.: Hypoglycemia and hyperinsulinism 760
Thannhauser, S. J. (Fuld): Insulin-refractory diabetes mellitus.446
Thomas, Gertrude: cf. Greisheimer 444
Thomas, W. A.: Generalized edema occurring only at the menstrual period 647
Thompson, J. H.: cf. Robinson...303
Thompson, Juanita: The effect of rachitogenic diets on the thyroid gland of the albino rat...316
Thompson, Phebe K.: cf. Thompson 228, 664, 665
Thompson, W. O. (Thompson and Dickie): Monosodium thyroxine, desiccated thyroid and an impure sodium salt of thyroxine; comparison of their effects when administered orally with the effect of thyroxine injected intravenously in alkaline solution 664
— (Thompson, Dickie and Alper): Effect of alkali on the absorption of thyroxine from the gastro-intestinal tract; with a note on the comparative effects of synthetic and "natural" thyroxine injected intravenously 665
— (Thompson, Alper and Dickie): Effect of various compounds of thyroxine on basal metabolism 228
Thompson, W. H. (Ziegler and McQuarrie): Effects of pituitary antidiuresis on non-cardiac edema 156
Thomson, D. L. (Pugsley): On the mechanism of parathyroid hormone action 304
— cf. Collip 71, 639
— cf. Selye 237, 749
Tihomirov, D. M.: cf. Pavlovic..657
Topper, A.: Standards of basal metabolism for children of retarded growth 638
— cf. Schick 637
— (Mulier): Basal metabolism in asthma and epilepsy 665
— cf. Schwarz 665
Torigoe, M.: cf. Tweedy.....657
Torres, Isabel: cf. Collazo.....739
Toth, L. A.: cf. Sherwood.....254
Trautwein, H.: cf. Oefelein.....545
Trinquier, E.: cf. Aubertin..648, 649
Tsai, C.: cf. Lin.....288
Tschaikowsky, W. K.: Physiologic action of folliculin upon the pregnant 432
Tschumi, H.: cf. Asher 306
Turcatti, E.: cf. Lewis.....652
Turner, C. W.: cf. Gardner.....436
Tweedy, W. R. (Torigoe): Chemical studies on a parathyroid hormone 657

Uehelhör, R.: cf. Mandel.....160
Ueno, A. (Murata): Hormone content of anterior lobe of human hypophysis 297
Ungar, I.: Cause of hyperkeratosis produced in toads by hypophysectomy and lesion of the tuber cinereum 441
Uotila, U.: cf. Räihä 663
Üprus, V.: Experimental investigations on the transplantation of ovaries which have been kept at low temperatures 290

Van der Kaay, F. C.: cf. Seekles.290
Van Dyke, H. B.: cf. D'Amour..293
Vastola, A. P.: Embryonal carcinoma of abdominal testis in a pseudohermaphrodite 152
Verzár, F. (v. Arvay and v. Kokas): Basal metabolism associated with E avitaminosis and the relation of anterior pituitary hormone 297
Viale, G.: Adrenalinemia and adrenalinuria 426
Vick, R. M.: cf. Elmslie 160
Vidacovitch, M.: cf. Hermann...741
Vidal, J.: The influence of partial and total adrenalectomy on the results of diabetic piqûre of the bulb 742
Vinâls, E.: Influence of the follicular hormone on the plumage of the pigeon and of Vanellus chilensis 291
Vishnevski, A. A.: cf. Shcherbakov 302
Visscher, M. B.: cf. Peter.....303

Wadehan, F.: cf. Glimm.....288
van Wagenan, G.: Uterine bleeding of monkeys in relation to neural and vascular processes; spinal transection and menstruation 151
Walawski, J.: Influence of adrenine on the blood pressure curve in asphyxia.....280
Wan, S.: cf. Lin.....288
Ware, H. H., Jr. (Main): Observations on the accuracy of the rabbit ovulation test for pregnancy 432
Watrin, M. (Brabant): Hysterectomy and the structure of the ovary 291
Watson, E. M.: The association of diabetes mellitus and pernicious anaemia 653
Wechsler, H. F.: cf. Packard....146
Weichert, C. K. (Boyd): Induction of typical pseudopregnancy in the albino rat by means of experimental hyperthyroidism .766
Weigel, W.: cf. Ehrhardt.....745
Weisenburg, T. H.: Tumors in the pituitary area, the neurologic symptoms 297
Weinstein, A.: cf. Harrop.....544
Weinstein, M. L.: Acute suppurative thyroiditis with report of one case 454
Weld, C. B.: cf. Taylor.....447
Weller, C. V.: Hepatic pathology in exophthalmic goiter.....665
Welton, Arthur D.: cf. Mayer...423
Werner, A. A. (Collier): Production of endometrial growth in castrated women; minimum dosage of theelin that is required..749
—— The effect of theelin injections on the castrated woman 291
White, Priscilla: cf. Pincus.....159
White, P.: cf. Joslin.....444
White, W. E.: The effect of hypophysectomy on the survival of spermatozoa in the male rat...298
— (Leonard): Ovarian responses to prolan and anterior pituitary extract in hypophysectomized rabbits with particular reference to ovulation...298
Whitehead, R.: Cortical proliferation in the mouse suprarenal after peptone 426
— Significance of natural variations in structure and cortical lipoid of mouse suprarenal 280
Widenhorn, H.: cf. Harrop.....544
Widmann, E.: Schneider 664
Wiedner, E.: Abelin 548
Wiesner, B. P.: The experimental study of senescence 151
Wilder, R. M. (Foster and Pemberton): Total thyroidectomy in diabetes mellitus 455
Wilkinson, S. A.: Gastric acidity in thyroid dysfunction 766
Williams, J. L. (Dick): Decreased dextrose tolerance in acute infectious diseases 653
Wirz, P.: Anterior lobe pituitary hormone and amenorrhea 299
Wislánski, K.: Internal secretion of pineal gland and the therapeutic use of its extracts.....304
Wislocki, G. B.: Observations on the descent of the testes in the macaque and in the chimpanzee.643
Witherspoon, J. T.: Cause of onset of labor; an hormonal investigation 432
— The interrelationship between ovarian follicle cysts, hyperplasia of the endometrium, and fibromyomata; a possible etiology of uterine fibroids..432
— The treatment of menstrual disorders by the injection of blood from pregnant donors.550
Wolfe, J. M. (Cleveland): Cyclic histological variations in the anterior hypophysis of the albino rat 157
—— Pregnancy changes in the anterior hypophysis of the albino rat 647
— cf. Cleveland 644
— cf. Ellison 555
Wolfermann, S. J.: cf. Taylor...431
Womack, N. A.: cf. Cole.....307
Wright, D. O.: cf. Musser.....445
Wurmser, L.: cf. Choay.....293
Wyeth, G. A.: Histological findings of hypophysis in cancer... 59
Wyman, L. C. (tum Suden): Studies on suprarenal insufficiency; the growth of transplanted cortical tissue in the rat.147

Yamada, S.: On the effect of insulin, epinephrine and phlorhizin on the lactic acid content and the distribution of phosphates in the blood of rabbits..284
Young, A. M.: Five hundred and nineteen Voge bromine tests of urine for pregnancy 749
Young, H. H.: Some hermaphrodites I have met.....750
Yriart, M. (Gotta): Glucose metabolism in hyperthyroidism...454

Zatornitzkaya, Z. A.: cf. Shcherbakov 302
Ziegler, Mildred: cf. Thompson..156
Zillessen, F. O.: cf. Kincov.....361
Zilva, S. S.: Hexuronic acid as the antiscorbutic factor 280

Zimmerman, O.: Blood constituents in Basedow's disease 454
Zimnitzkii, V. S.: cf. Shcherbakov.302
Zondek, B. (Krohn): Hormone of pars intermedia of the pituitary gland 299
— cf. Zondek 300
Zondek, H.: Chemical findings in psychiatric patients; relations to the hormonal system.....442
— (Koehler): The treatment of hypophyseal cerebral emaciation with hormone of the anterior lobe of the pituitary, Prolan 442
— (Zondek and Hartoch): Prolan and growth of tumors; inhibiting influence of prolan on growth of tumors in white mice 300
Zollinger, R. (Cutler): Aneurysm of the internal carotid artery; report of a case simulating tumor of the pituitary 648
Zuckerman, S.: The comparative physiology of the menstrual cycle 433
Zunz, E.: Studies on the influence of adrenine on the reduced glutathione in the blood.....636
— (La Barre): Action of thyroxine on the secretion of adrenaline 636
Zwarenstein, H.: cf. Schrive.....290
Zwemer, R. L.: Adrenal cortex and electrolyte metabolism ...161
— (Sullivan): Blood chemistry of adrenal insufficiency in cats. 97
— — Corticoadrenal influence on blood sugar mobilization.730

SUBJECTS

Acromegaly and blood sugar.....755
— onset of, before 15 years of age.643
— report of a case..... 20
Addison's disease, adrenal cortical therapy in 333
— — and adrenal cortical extract.256
— — — blood sugar 755
— — calcification of adrenals in..143
— — catalase studies in.....545
— — digestive symptoms in.....497
— — effects of an excess of cortical hormone in.....361
— — sodium salts in treatment of.161
— — treated with adrenal cortical extract 145, 277
— — treatment of 341
— — — — with cortin (Hartman) 275
— — with atrophy of adrenal cortex 740
Adrenal ablation and basal metabolic rate of rabbit 311
— — — circulation 634
— — — diabetes 742
— — — experimental cancer 742
— — — fat content of various organs 277
— — — hypoglycemic ability of insulin 445
— — — lactic acid formation during muscular work ...275
— — — temperature studies 544
— — — traumatic shock 276
— — — tumor growth 742
— — — — tissue grafts.....743
— — catalase studies in.....545
— — effects of 275
— — studies on 545
— — temperature studies after..278
— and cirrhosis of liver.....280
— — gonad-stimulating principle of anterior lobe of pituitary 123
— — hypophysis sex hormone...426
— — insanitary conditions 453
— — metabolism 179
— — muscle metabolism 543
— — oestrous cycle 143
— — pain stimuli 302
— — splenectomy 277
— — temperature regulation 276
— — thymus antagonism 305
— — vitamin C 147
— calcification of, in Addison's disease 143
— chemistry of 278
— cortex and blood disorders....636
— — — electrolyte metabolism ..161
— — — hypophysis ablation 649
— — — sexual development.....741
— — atrophy in Addison's disease.740
— — certain functions of.....740
— — extracts and blood cholesterol 739
— — — — oestrous cycle 144
— — — — reproductive system..145
— — — further studies on 145
— — — in Addison's disease....277
Adrenal cortex extracts in hyposuprarenalism 279
— — — — — treatment of bronchial asthma.....425
— — — reaction to, in schizophrenic and normal subjects 576
— — hormone and hypophysis...550
— — — — metabolism 544
— — — — myasthenia gravis ...543
— — — further observations on.276
— — influence of, on blood sugar.730
— — insufficiency and hyperemesis gravidarium 544
— — internal secretion of 741
— — preparation of an active extract of 634
— — relation of, to anterior lobe of hypophysis 676
— cortical extract and asthenia..437
— — — — oestrus cycle 145
— — — — sex function 144
— — — biologic estimation of...276
— — — effects of, on blood.....633
— — — in Addison's disease....145
— — hormone and blood cholesterol 393
— — — — tissue respiration ...544
— — — effect of excess of in Addison's disease 361
— — — in urine 634
— — therapy in Addison's disease.333
— — tissue transplants, growth of 147
— denervation and sugar tolerance 760
— disorders in the Southeast....221
— effect of gonad ablation on....744
— — — male sex hormone on...429
— extract, action of, on cardiac vagus centers 279
— — — — thyroxine on.....636
— — and albumin-globulin ratio.147
— — — anesthetics 281
— — — blood cholesterol 143
— — — — pressure in asphyxia.280
— — — — sugar 301, 650
— — — hyperglycemia 645
— — — insulin antagonism 301
— — — — in, relation between..301
— — — lymph node extract 281
— — — nitrogen excretion 651
— — — phosporous poisoning...278
— — — secretion of sweat 633
— — — sodium chloride content of bile 283
— — — sugar tolerance 651
— — effect of injections of from mother to foetus 638
— — — — on blood pressure after ergotoxine 146
— — — — — — eye reactions after pancreas ablation 652
— — — — — — free muscle sugar and total carbohydrate 635

Adrenal extract, effect of on lactic acid and phosphates in blood..284
——— epinephrine, and anaphylactic shock 144
——— hyperglycemia and hypophysis 295
——— in body fluids 633
——— treatment of whooping cough 739
——— influence of on anterior lobe of hypophysis.....752
——— injections and pulmonary oedema 635
——— tumor-inhibiting properties of 633
——-genital syndrome 279
——gland, a suprarenalin-producing pheochromocytoma of 634
——— carotene of 739
——— denervation and experimental diabetes 740
——— extract in Addison's disease.341
——— hypertrophy and hypophysis extracts 740
——— in health and disease.256, 361
——hemorrhage and death in epilepsy 425
——in muscle glycogen recovery...739
——influence of on genital function 423
——————— metamorphosis 276
——insufficiency and blood chemistry 97
——— malnutrition 146
——— pancreatic diabetes 652
——— digestive symptoms in.....497
——— experiments in animals....146
——medulla and respiratory metabolism of diabetes.....159
——— function of 279, 739
——— sympathetic tumors of.....546
——mitoses in, after peptone.....426
——quantitative studies on cortex and medulla of 277
——secretion, effect of dehydration on 425
——significance of natural variations in structure and cortical lipoid of 280
——specificity of hypoglycemia hormone of 279
——stimulation of ovary 249
——use of cortin following removal of tumor of.....425
——weight changes and diet.....367
——— of 284
Adrenaline discharge and compression of eyeball 741
——pressure of in blood and urine.426
Advanced ossification in children.117
Amenorrhea and anterior lobe hormone 299
——— x-ray irradiation 148
——hypophysis and ovary hormone in 149
——treatment of with combined female sex hormones 430
Amniotin, effect of, on basal metabolism 431
Anterior pituitary-like fraction of pregnancy urine and testicular descent 475
——————hormone and uterine bleeding 551
Aschheim-Zondek pregnancy test on adult ovary 437
Authors, numerous: Constitution and constitutional anomalies ..147
——several: Genetics, especially human 147

Basal metabolic rate and suspension stability of blood 765
——————determination as guide to therapy 764
——————————in acromegaly 20
——————in endemic cretins 451
——————standards and growth retardation 638
——metabolism and advanced ossification 117
——————anterior lobe extract.... .....658, 750
——————————pituitary hormone ...297
——————extract of urine of human beings with toxic goiter 307
——————slow pulse rate 637
——— effect of amniotin on.....431
——————————anterior lobe extract on 752
——————————————pituitary extract on.152
——————————cod-liver oil on.....254
——————————thyroxine on 228
——— in asthma and epilepsy....665
——————children, interpretation of 637
——————————relation of, to body build 637
——————mothers, relation of, to infant birth weight...453
——— influence of hypophysis on.409
——— relation of hypophysis and thyroid to 660
——oxygen consumption of goitrous and non-goitrous rats.....316
Basedow's disease, blood constituents in 454
——— iodine-x-ray treatment of..308
——— mitogenetic rays of blood in.315
Blood calcium, action of gonadotropic hormone on 654
——chemistry and adrenal insufficiency 97
——— effect of Ringer's solution on, after thyroparathyroid ablation 654
——chloride, effect of adrenal cortex extract on 161
——cholesterol and adrenal cortex extracts 739
——————————cortical hormone 393
——————————extract 143
——— effect of pregnancy urine of.641
——— in myxedema 665
——————thyroid disease 660
——constituents, effect of adrenal cortical extracts on 633
——disorders, influence of endocrine system in 636

Blood flow, effect of thyroid feeding on 310
— glutathione and hypophysis... 753
— iodine, action of extracts of anterior lobe of hypophysis on. 437
— — and anterior lobe extract... 295
— lipids and anterior pituitary lobe extract 439
— pressure and depression substance in pancreas..... 462
— — — ergotoxine 146
— — — hypophysis 292
— — — obesity 445
— sodium, effect of adrenal cortex extract on 161
— studies in case of acromegaly. 20
— sugar after hypophysis ablation 552
— — and anterior lobe extract of hypophysis 437
— — — hypophysis ablation 644
— — — insulin 650
— — — — reaction 759
— — — low carbohydrate diet... 444
— — — pain stimuli 302
— — — posterior pituitary extract 554
— — changes during delivery.... 759
— — corticoadrenal influence on. 730
— — curve and infection; in children 75
— — effect of adrenal extract and insulin on 301
— — — — insulin on, during infection 157
— — influence of anterior lobe of. 291
— — — — hormones of 650
— — values in clinical diagnosis. 755
Bromide, effect of, on thyroid... 170

Calcium, effect of, on thyroid.... 170
— metabolism, action of parathyroid hormone on 762
— rich diet and experimental colloid goiter 197
— salts and heart efficiency..... 303
Calorigenic action of thyroid.... 317
Cancer and hypophysis, relation of 59
Carbohydrate and adrenal extract. 635
— metabolism and hypophysis extract 434, 554
— — control of 445
— — in acromegaly 20
— — — hyperthyroidism 454
— — — hypophysis ablation 153
Carotid artery, aneurysm of, simulating tumor of hypophysis... 648
— sinus and insulin sensitiveness. 300
Castration and experimental cancer 742
— — growth-promoting hormone of hypophysis 441
— — hypophysis extract 429
— — sperm survival after hypophysectomy 297
— — theelin injections 291
— — tumor growth 742
— — — tissue grafts 743
— effect of, on adult weight..... 286
— — — — hypophysis 156, 555
Castration production of endometrial growth by theelin after... 749
Chloride, effect of, on thyroid.... 170
Cholecystokinin, effect of, on grafted gall bladder 282
Comb-growth promoting substance in male urine 150
Constitutional anomalies 147
Corpora lutea formation and anterior lobe extracts 752
Corpus luteum and anterior lobe hormone 296
— — — extracts of pregnancy urine 287
— — — lactation 289
— — — post pituitary hormone.. 432
— — extract and pregnancy..... 745
— — — — uterine motility 289
— — — influence of on anterior lobe of hypophysis ... 752
— — hormones 667
— — and ovarian hemorrhage... 748
— — — investigation of 745
— — influence of, on maternal instinct 745
— — physiology of 423
— — relation between gravid uterus and, in late pregnancy 747
Creatine metabolism and ovary... 430
— — influence of sex hormones on 427
Cryptorchidism in guinea pigs... ..... 638, 747
— and pituitary-testis-prostate relationship 123
— — pregnancy urine hormone.. 47
Cushing's syndrome, case of..... 152

Dextrose tolerance in acute infectious diseases 653
Diabetes and adrenal ablation... 742
— — blood sugar 755
— — — hypophysis 159
— — — — ablation 554
— — infection in children 75
— — pernicious anemia 445
— — pregnancy 649
— bilateral splanchnic nerve section in 653
— choline and liver fat in..... 756
— effect of glucose and insulin in. 302
— epilepsy and convulsions in... 651
— experimental, and adrenal gland denervation 740
— fat control in 758
— hypoglycemic symptoms in.... 652
— in children and diet 651
— influence of hypophysis on.... 553
— insipidus and abnormal mental states, encephalography in.. 647
— — in case of xanthomatosis... 152
— — use of pituitrin in 754
— lactation in 757
— mellitus, a case of brain tumor simulating 652
— — analogy between adrenal insufficiency and 341
— — and arteriosclerosis 759
— — — parotid hypertrophy ... 443

Diabetes mellitus and pernicious anaemia 653
——— pineal calcification 304
——— retinal pathology 757
——— total thyroid ablation...455
—— latent tolerance in 300
—— on the inheritance of.....159
—— refractory to insulin 446
—— staphylococcic infections in.650
—— symptomatology of 759
— pancreatic, eye reactions in...652
— treatment of 442
——— with widely varying diets 446
Diabetic coma 444
—— uncontrollable causes of death in 158
— effects of anterior lobe hormone 553
— syndrome and anterior lobe extract 435
Diet and adrenal weight.....367
Digestive symptoms in Addison's disease 497

Emmenin, chemical nature of.... 71
Endocrine diseases, visual fields in.282
— disturbances and secretion of anterior lobe hormone in urine 552
— dwarfism, treatment of 387
— dystrophies, sero-interferometer method for determining.281
— factors in sex 423
— functions in senility 151
— glands and nervous disease...426
——— post-infectious metabolism 637
—— in bodily adjustment 142
—— influence of on development and maintenance of experimental cancer 742
—— test for activity of 742
— influence on male sex organs..429
— observations on advanced ossification 117
— statistics from the Southeast..221
Endocrinology of sex, periodicals on 421
Endocrinopathy and the psychoses.283
Epilepsy and convulsions in diabetes 651
Estrin, new procedure for demonstration of 705
Estrous, relation of anterior lobe sex hormone to 751
Estrus and hypophysis 293
— effect of anterior lobe extracts of hypophysis on.....434
— producing extract in blood of normal women 286
—— hormone, international standard for 149
Exophthalmic goiter and fluoride treatment 309
——— pathologic anatomy of the liver 763
——— progressive muscular atrophy 701
——— vegetative nervous system 312
Exophthalmic goiter, cardiovascular symptomatology in.....661
—— clinical and experimental studies of 664
—— hepatic pathology in.....665
—— roentgen therapy of.....691
—— spontaneous glycosuria in..447
— and sporadic goiters 306

Fat metabolism and adrenal function 179
— tolerance test in pituitary disease 505
Female reproductive system and hypophysis 601
— sex hormone and testis.....150
——— clinical trials with.....430
——— comparative studies of..548
——— in treatment of mastodynia 287
——— urine 288
Fertility and follicular hormone..640
Fluoride, effect of, on thyroid...170
Follicular hormone, action of....640
— stimulating factor of hypophysis 435

Gaseous metabolism and gonadotropic principle of pregnancy urine 642
Gland extirpation and tumor tissue grafts 743
Glucose tolerance, effect of carbohydrate and fat diets on....444
Glycemia, modifications of.....756
— in exophthalmic goiter.....447
Goiter and basal oxygen consumption 316
— racial incidence and relation to nutrition 658
— relation of, to chronic foci infection 658
Gonad ablation, effect of, on adrenal, thyroid and pituitary 744
— and adrenal cortex extract....145
——— relation between 341
—— cirrhosis of liver 280
—— pineal extracts 304
— disorders in the Southeast....221
— effect of certain drugs on.....235
——— x-ray on 123
— influence of, on protein metabolism 290
— male, effects of pituitary implants on 86
— of fetal horses, hormone content of 548
— relation of, to adrenals 249
—— to anterior lobe of hypophysis 751
— seasonal variation in size of..283
— stimulating hormone and ovulation 286
——— comparative studies of 428, 746
—— of hypophysis and thyroid hypertrophy 156
——— hypophysis, effect of on immature female rats 438

Gonad stimulating power of hypophysis after adrenal ablation..676
——————effect of prolan on.640
——principle of mare serum...285
Gonadotrophic extracts, production of ovulation by 714
—function of anterior lobe of hypophysis 751
—hormone, action of, on tetany and blood calcium 654
——and vitamin A 743
——of hypophysis 292
——in urine of case of teratoma testis 629
—principle of pregnancy urine and gaseous metabolism ...642
—substances in urine of pregnancy 1
Graves disease and liver involvement 665
——extracts of anterior lobe of hypophysis in 434
——non-surgical treatment of..449
——psychogenic factors in.....313
Growth and adrenal cortex.....740
——parathyroid ablation.....655
——thymus extract 657
—effect of pregnancy urine and prolan on 482
—experiments on effect of injection of extracts from aged and embryonic animals 637
—hormone of hypophysis, effect of, on body and tail lengths.754
—retardation and basal metabolism 638

Headache, pituitary treatment of.596
Hemochromatosis, case of.....742
Hepatic pathology in exophthalmic goiter 665
Hermaphroditism, case of.....750
Hexuronic acid as antiscorbutic factor 279, 280
Hirsutism and virility, pathology of 429
Hormonal sterilization of female organism 639
Hormone concentration in skin during pregnancy 429
—diagnosis of viability of pregnancy 431
—factors in lactation 237
—in cancer 742, 743
—of hypophysis of infantile rat.619
—passage from mother to foetus.638
—responses and drugs.....235
Human genetics 147
Hyperglycemia, action of anterior lobe extract on 645
—and anterior pituitary lobe transplants 433
——respiratory quotient 158
—constituents in normal urine producing 382
Hyperinsulinism, a definite disease entity 758
—and hypoglycemia 760
—cured by surgical intervention.649
Hyperparathyroidism and rickets.654
—effect of phosphate ingestion in.302
Hyperthyroidism and adrenal cortical extract 256
——blood sugar 755
——diabetes 75
——fluoride treatment 309
——hypermotility of gastro-intestinal tract 316
——iron excretion 306
——pseudopregnancy 766
——vitamin B 307
—cardiac manifestations of.....447
—diagnosis and treatment of....315
—effect of diiodotyrosine in.....451
————ovarian follicular hormone of 113
————pregnancy urine extract on 113
—heart in 307, 311
—induction of pseudopregnancy by experimental 766
—iodine tolerance test for.....487
Hypoglycemia and hyperinsulinism 760
—mechanism of 759
—neurological manifestations of.758
Hypoglycemic action of insulin...648
—effect of insulin injected into portal system 648
Hypogonadism in male, diagnosis of 289
Hypophyseal cachexia 553
Hypophysis ablation and adrenal cortex hormone 550
————asthenia 437
————blood sugar 644
————diabetes 159, 554
————effect of anterior lobe extract on metabolism..752
————follicular atresia in ovaries 293
————hyperkeratosis 441
————nitrogen metabolism ...292
————ovary changes 153
————phosphocreatine and glutathione in muscle ...646
————skeletal growth 441
————specific dynamic action..439
————thyroid feeding in snakes.453
——effect of, on pregnancy and lactation 749
——in pregnant rat 646
——transmission of polyuria and hypochloruria following..644
—action of alkaline extracts of anterior lobe on immature guinea pigs 644
————anterior lobe extracts of, on blood iodine 437
——————————thyroid weight and histology .645
————————hormone of on ovary 752
——————————extract in headache.295
——————————of, on kidney..554
——————————injected into cervix uteri 294
————sex hormone of, on testes.753
—and adrenal cortex relationship.676
——advanced ossification 117
——basal metabolism 297

Hypophysis and blood glutathione. 753
——— pressure 292
——— sugar 291
—— cirrhosis of liver.....280
—— compensatory hypertrophy of thyroid 660
—— diabetes insipidus in batrachians and reptiles 553
—— eclampsia 312
—— estrus 293
—— female reproductive system..601
—— generalized edema during menstruation 647
—— headaches 551
—— hyperglycemia 75, 433
—— hypothalamus, anatomical connections between 647
—— lactation 237, 289
—— lipoid metabolism 152
—— male reproductive system..607
—— metabolism 295
—— muscle glycogen 552
—— nitrogen metabolism in toads 643
—— ovary 148
——— interrelationship between.149
—— ovulation 206
—— pancreas relationship of...649
—— placenta extracts, action of.294
—— pregnancy urine extracts...441
—— reproduction 288
——— reproductive glands 282
——— system 423
—— senescence 151
—— sperm survival 297
—— thyroid .....
.662, 291, 295, 310, 315, 438
——— activity 434
——— in relation to basal metabolism 660
——— relation of, to molting..743
——— relationship 434
—— tuber cinereum indirect endocrine relationship between 754
—— uterine implants of carcinoma 436
— anterior and posterior extracts of, and intestinal permeability 154
—— lobe and castration 751
——— extract and blood iodine.295
——— iodine content in blood and thyroid 293
——— insulin 432
——— lactation 435
——— melanophore reaction 644
——— nitrogen metabolism 153
——— ovulation 298
——— sex activity 296
——— thyroid 551
——— weight 294
——— of, and basal metabolism 152
——— blood glutathione 439
——— lipoids 439
——— sugar 437

Hypophysis, anterior lobe extract of and estrus.....434
——— hyperglycemia .645
——— lactation 33
——— luteinization ..752
——— phlorizin diabetes 438
——— plasma proteins.436
——— in Graves' disease.434
——— case of Laurence-Moon-Biedl syndrome ...583
——— hormone and amenorrhea 299
——— corpus luteum ...296
——— tumor growth 191
——— in urine 554
——— and endocrine disturbances 552
——— and mammary gland development 153
——— in urine 755
—— pituitary hormone of, in blood during pregnancy..553
—— sex hormone of and estrous.751
— antidiuretic potency of posterior lobe extract of 292
— biological evaluation of colloid of beef 296
— bromine in anterior lobe of...442
— carbohydrate metabolism in partial ablation of.....153
— case of basephil adenoma of anterior lobe of.....152
— cyclic histological variations in.157
——— anterior lobe of.644
— cytological study of anterior lobe of 755
— diabetic effect of anterior lobe extract of 553
— diabetogenic principle of anterior lobe of 435
— differentiation of functions of anterior lobe of.....440
— diseases of 754
— disorders in the Southeast....221
— effect of anterior lobe extract of, after thyroid ablation...752
——— on basal metabolism .750
——— conception and pregnancy .428
——— growth of mice ..439
——— seminal vesicles 287
——— thyroid ..658
——— blood disorders 636
——— antidiuretic extract of on edema 156
——— castration on.....156, 555
——— different extracts of anterior lobe of, on sex organs 641
——— gonad ablation on 744
——— gonad-stimulating hormone of, on immature female rats 438
——— principle of 123

Hypophysis, effect of growth hormone of, after castration 441
———————— on body and tail lengths 754
———————— growth, ash nitrogen and energy balance ..154
———— luteinizing and follicular stimulating fractions of, on thyroid 436
———— prolan on potency of....640
———— several pregnancies on..721
———— thyroid feeding on anterior lobe of.....766
— extracts and adrenal gland hypertrophy 740
———— albumin-globulin ratio..147
———— anesthetics 281
———— insulin hypoglycemia ...554
———— luteinization of ovary...513
———— maturity 750
———— ovary weight 428
———— ovulation 539
———— sperm motility 546
———— sugar tolerance.....651
———— thyroid 451
—— effect of, on prostate.....429
—— in treatment of infantilism.233
—— of anterior lobe of and insulin resistance 643
———————— susceptibility to lack of oxygen ...660
— fat tolerance test in diseases of 505
— further purification of follicular-stimulating factor of....435
— gonadotropic hormone of.....292
———— and ovulation 714
———————— prolan 755
— gonad-stimulating hormone and thyroid 156
— growth hormone and dwarfism.387
———— thyroid extract in skeletal growth 441
———— liver and kidney metabolism 440
— gumma of 751
— histological origin of hormones of posterior lobe of.....750
— hormones and male gonads...440
———— ovary 290
—— content of anterior lobe of.296
—— in blood and urine of pregnancy 295
—— of anterior lobe of.....435
———— infantile rat 619
———— pars intermedia of.....299
———— posterior lobe of, and pregnancy toxicoses ..746
—— prolactin 155
—— use of, in amenorrhea.....149
— hyperglycemia and alcohol....554
— implantation of anterior lobe of, in alopecia 441
— influence of hormonal substances on function of anterior lobe of 752
Hypophysis, influence of hormone of anterior lobe of, on metabolism of testes 440
———— on basal metabolism and specific dynamic action.409
— insufficiency and familial infantilism 533
— lactation-stimulating hormone of 436
— melanophore hormone content of posterior lobe of.....434
— mouse unit of anterior pituitary, hormone B of.....553
— neurological symptoms of tumors of 297
— oxytocic factor of posterior lobe of, and cerebrospinal fluid..294
—— properties of powdered posterior lobe of 293
— parathyreotropic action of extracts of anterior lobe of....350
— pathology of 274
— percentage of different types of cells in anterior lobe in adult human female 754
— posterior and anterior lobe extracts of, in headache 596
—— lobe extract and imbibition in Batracians 646
———————— weight changes ...644
———— of and water metabolism 439
———— use of, in labor.....211
— pregnancy changes in anterior lobe of 647
— preparation of thyreotropic extracts of anterior lobe of...645
— reaction of ovaries to anterior lobe extract of 639
— relation of active principle of placenta, pregnancy blood and urine to.....639
———— anterior lobe of, to thyroid 552
———— to cancer 59
— rôle of, in adrenaline and morphin hyperglycemia 295
— secretions of, and control of melanophores 753
— section of stalk of, and pseudopregnancy 647
— sex hormone, action of, on endocrine glands 426
———— effect of, on immature ovary 429
—— specific differences in behavior of anterior lobe of.296
— silver staining in study of.....646
— specific sex difference in anterior lobe of 645
— thyroid-stimulating hormone of anterior lobe of 645
— treatment and thyroid 415
— use of anterior lobe extract of, in unexplained emaciation..442
— use of posterior lobe extracts of, in obstetrics 750
Hypopituitary obesity and high protein diet 154
Hypothalamus and hypophysis, anatomical connections between..647

Hypothalmus, experimental lesions of and blood sugar.....644
— gumma of 751
Hypothyroidism and heart disease.693
— iodine tolerance test for.....487

Infantilism, familial, due to hypophysis and thyroid insufficiency 533
— treatment of 233
Insulin absorption from gastro-intestinal tract 443
— action and anterior lobe extract.432
— activation of 157
— administration to normal and diabetic persons, gastric secretion after 652
— and adrenal ablation 445
— — adrenaline antagonism 301
— — — relation between 301
— — albumin-globulin ratio 147
— — blood sugar 301, 650
— — dextrose tolerance in acute infectious diseases 653
— — diabetic coma 158
— — glucose in diabetes 302
— — hypophysis extract 554
— — liver fat 301
— — nitrogen excretion 651
— — protein equilibrium of the blood serum 652
— — respiratory quotient 158
— — sensitization of skin to x-rays 650
— — sodium chloride content of bile 283
— — sperm motility 546
— — sugar tolerance 651
— — — — — in thin people 756
— — thermoregulation 443
— — vitamin B 302
— effect of, on blood pressure and pulse rate 756
— — — — — — sugar during infection 157
— — — — — hormone content of thyroid 314
— — — — — lactic acid and phosphates in blood ...284
— — — — — thyroid 663
— — — — thyroid extract on output of 636
— hypoglycemic action of 648
— in treatment of tuberculosis..648
— injected into portal system, effect of 649
— injections, comparison of effects of intravenous and subcutaneous methods of 648
— neuritis, case report of.....443
— protection of by antiproteases.157
— reaction and blood sugar.....759
— resistance and allergy.....157
— — — — anterior lobe extract....643
— — — — sensitivity 652
— secretion after radiation of pancreas region 759
— sensitiveness and carotid sinus.300
— therapy in nutrition disorders.444
— — — — post-pellagrous trophic ulcers 760

Insulin therapy in uterine bleeding.148
— treatment of menorrhagia 442
— use of in pulmonary tuberculosis 300, 650
Internal secretions, hereditary factors in 742
— — sociology of 423
Interrenal and chromaffine system of man 277
Intestine, hormone of, and hemoglobin in circulating blood.....188
Iodide, effect of, on thyroid.....170
— content of bile and urine after dried thyroid feeding.....763
— — — — human blood, significance of 658
— — — — thyroid 661, 663
— — — — — — and hypophysis extract 451
— deficient diet and experimental goiter 197
— diagnostic use of, in thyrotoxicosis 765
— insufficiency and stillbirths....661
— medication and metabolism in cretins 451
— metabolism and thyroid.....450
— presence of in tissues after thyroid feeding 762
— tolerance test for thyroid insufficiency 487
Islands of Langerhans, functioning tumor of 157
Islets of Langerhans, changes of, in pregnancy 649

Labor, cause of onset of.....432
Lactation and adrenal cortex.....740
— — anterior lobe extract 435
— — parathyroid ablation 655
— effect of hypophysis ablation on 749
— factors controlling 237
— — responsible for control of..436
— in diabetes 757
— physiology of 33, 289
Laurence-Moon-Biedl syndrome, case of 583
Liver damage and thyroid disease.664
— denervation and sugar tolerance 760
— effect of thyroid extract on...765
— extract in pernicious anemia..282
— pathologic anatomy of, and exophthalmic goiter 763

Male gonads, effect of hypophysis hormones on 440
— hormone, biochemical studies on 107
— — effect of, on seminal vesicles.287
— — in urine 289
— — injection of, in female guinea pig 428
— reproductive system and hypophysis 607
— sex characters and lutein tissue.290
— — organs, endocrine influence on 429

Male urine, comb-growth promoting substance in.....150
Males, adult, pituitary implants in 86
Malignant goiters 316
Mammary gland, clinical stimulation of 18
Masculinization and partial ovarian resection.....748
Maternal instinct, influence of corpus luteum on 745
Melanophores, humoral control of.547
Menopause and use of folliculin..749
Menstrual cycle, comparative physiology of 433
—— presence of follicular hormone in blood during ...705
— disorders, treatment of.....550
Menstruation and spinal transection 151
—— generalized edema 647
—— thyroid extract 211
— effect of pregnancy urine extract on 203
Mental disorders and ovary insufficiency 642
Metabolism and adrenal cortex...740
—— anterior lobe extract 153
—— hypophysis 295
— effect of adrenal cortex on....161
— in pregnancy 759
—— sex 423
Mongolianism in relation to age of mother 636
Mongolism, etiology of 636
— in monozygotic twins 637
Muscle glycogen restorage after vagotomy 757
— metabolism, relation of adrenal and thyroid to 543
Muscular atrophy and exophthalmic goiter 701
Myxedema and optic nerve neuritis 527
—— sporadic goiter 306
— effect of synthetic thyroxine in alkaline solution in.....665
———— thyroid extracts on.....664
— blood cholesterol in 665
— of childhood 662
— personality changes due to....453
— thyroid therapy in 317
—— treatment in 693

Nitrogen metabolism and pregnancy 428
—— effect of hypophysectomy on.643

Obesity and hypertension 445
Oestrin, chemistry of 149
Oestrous cycle and changes in adrenal 143
———— diet 288
———— protein intake 149
—— effect of adrenal cortical hormone on 145
— effect of adrenal cortex extract on 144
— stimulating power of powdered follicular liquid 639
Oestrin treatment and deciduomata production 430
Optic nerve neuritis and myxedema 527
Ovary ablation and fat distribution 150
———— lactation 33
— action of anterior lobe hormone on 752
———— follicular hormone of...640
— and action of drugs.....235
—— creatine metabolism 430
—— hypophysis ablation 153
———— interrelationship between.149
—— pancreas, relationship of...442
—— pineal extracts 304
—— thyroid 548
— arrhenoblastoma of 431
— changes and prolan B.....285
— effect of combined hypophysis sex hormone and pregnancy urine hormone 429
———— emmenin on 71
———— folliculin on development of 744
———— gonad-stimulating hormones on weight of...428
———— roentgen rays on.....547
— extract, absorption and elimination of, in man.....747
—— and abortion 745
———— deciduomata in spayed rats 550
———— endometrial growth after castration 749
———— genital development in new born 548
———— oestrus 747
———— ovulation 427
———— sperm motility 546
—— effect of, on adult ovary....744
—— influence of, on anterior lobe of hypophysis 752
—— response of feather follicle to 546
— follicular hormone and labor..432
— grafts in male guinea pigs.547, 640
— hemorrhage of, and corpus luteum hormone 748
— hormone and cervical trauma..549
———— changes in endometrium during menstrual cycle.284
———— milk secretion 155
———— pregnancy 432
—— in uterine bleeding.....148
—— influence of, on plumage color 291
—— of, and basal metabolism...431
—— test for efficiency of.....211
—— use of, in secondary amenorrhea 149
— influence of uterus on secretion of folliculin by 642
— inhibitory action of follicular extract of, on deciduomata..638
— insufficiency and mental disorders 642
— luteinization of, by combined anterior pituitary and pregnancy urine extracts 513
— new procedure for detection of follicular hormone of.....705
— of foetal horses as hormone source 638

Ovary, possible relation of follicular cysts of, to uterine fibroids. 432
— powdered follicular extract of, and estrus 639
— reaction of, to hypophysis and pregnancy urine extracts ... 639
— relation of gonadotropic hormone of hypophysis to..... 643
— — — hypertrophy to hormone of 428
— resection and masculinization in guinea pigs 748
— response of, to pregnancy urine extracts 640
— — to prolan and anterior lobe extract 298
— stimulating extract from blood of pregnant women 148
— stimulation and hypophysis... 293
— — of, by adrenal extracts..... 249
— structure of, and hysterectomy. 291
— transplantation 290
— — and mammary region pigmentation 288
— transplants and male reproductive system 150
— tumor of and secondary sex changes 642
Ovulation and hypophysis 206
— effect of ovary extract on..... 427
— mechanism of, in rabbit..... 747
— production of, by gonadotrophic extracts 714
— time in monkey 747
Oxygen consumption rate, effect of irradiated ergosterol on.... 303

Pancreas ablation and hypophysis. 159
— — effect of on nitrogen metabolism 643
— adenoma of 157
— and cirrhosis of liver..... 280
— — hypophysis sex hormone... 426
— — — relationship of 649
— — muscle glycogen recovery.. 757
— — — restorage 757
— — ovary, relationship of..... 442
— — pain stimuli 302
— depressor substance in..... 455
— diabetes, effect of adrenal medulla and thyroid on respiratory metabolism of 159
— disorders in the Southeast.... 221
— internal and external secretions of 301
— islet cell tumor of, and insulin content 649
— ligation of tail of, and sugar tolerance 760
— radiation of region of, and insulin secretion 759
Pancreatic diabetes and adrenal insufficiency 652
Parathyreotropic action of anterior pituitary 350
Parathyroid ablation and experimental cancer 742
— — — osteitis fibrosa cystica... 761
— activity, contribution to knowledge of 761
Parathyroid and blue sclera..... 427
— — sodium fluoride poisoning.. 657
— dysfunction, report of a case.. 657
— extract and body temperature. 303
— — — ergosterol, use of..... 657
— — — heart efficiency 303
— — — oxygen consumption rate. 303
— — — scleroderma 304
— — — sugar tolerance 651
— — — vagal innervation 447
— — effect of diet on response.. to 655, 656
— glands, effect of anterior lobe extracts on 350
— — in man, number and location of 654
— — physiology of 760
— hormone action, mechanism of. 304
— — — of, on calcium metabolism 762
— — and osteitis fibrosa..... 160
— — assay of 302
— — chemical studies on..... 657
— — effect of, on bony system of young rat 303
— — — — — — calcium and phosphorous metabolism 303
— — — — — — content of human milk ... 159
— — in abnormal uterine bleeding 653
— — — blood of pregnant women. 446
— — —rachitic animals 654
— influence of extirpation of one on lipoid content of corresponding undisturbed gland. 657
— tetany and guanidine concentration 159
— — case of, with normal chronaxie and gastric spasms. 656
— tissue within the thymus..... 397
— transplant for tetany..... 304
— tumors and hyperparathyroidism 761
— — — osteitis fibrosa 160
Pars intermedia, action of hormone of 299
Physiology of prostate 123
Pineal calcification and other endocrine disturbances 304
— extracts, therapeutic use of... 304
— function of 625
Pitocin, use of, in labor..... 211
Pituitary headache 596
— implants in adult males..... 86
Placenta, chemical nature of extract of 71
— enzymes of, in pregnancy..... 284
— relation between extracts of, and anterior lobe extracts... 639
Polydactylism, rare case of..... 155
Pregnancy, accuracy of rabbit ovulation as test for..... 432
— and changes in blood composition 290
— — corpus luteum extract..... 745
— — hormone concentration in skin 429
— — nitrogen metabolism 428
— — thyroid function 313
— — uterine activity 748

Pregnancy cells in hypophysis and reproduction 288
— changes in anterior hypophysis. 647
— — of islets of Langerhans in. 649
— delayed 286
— diagnosis, Friedman's reaction. 285
— effect of hypophysis ablation on 749
— — — on hypophysis 721
— Friedman modification of test for 547
— hormone diagnosis of viability of 431
— hormones of 432
— hypophysectomy during 646
— lactation and hypophysis ablation during 237
— metabolism in 759
— new test for diagnosis of..... 641
— oxytocic factors in blood of... 746
— -prolan and reproductive system 601
— — — reproductive system 607
— pseudo-induction by experimental hyperthyroidism ... 766
— reaction in mares..... 549
— recovery of gonadotropic substances from urine of 1
— relation between extracts of blood and urine of and hypophysis extracts 639
— relation of corpus luteum to gravid uterus in..... 747
— test 288
— — new method of..... 749
— toxicosis and posterior lobe hormones 746
— urine and sex determination... 521
— — effect of extracts of, on parathyroid glands 350
— — — — on growth..... 482
— — extracts and corpus luteum. 287
— — — — hypophysis 441
— — — — ovary luteinization .. 513
— — — — production of deciduomata 430
— — — — sex underdevelopment 47
— — — — testicular descent ... 475
— — — — uterine bleeding 431
— — — effect of, on hyperthyroidism 113
— — — — — — hypophysis 640
— — — — — — immature ovary. 429
— — — — — — sex organs 641
— — — ovary response to..... 640
— — — potency of 211
— — — reaction of ovaries to... 639
— — gonadotrophic principle of, and gaseous metabolism. 642
— — hormone and adult ovary.. 437
— — menstrual response to extracts of 203
— — quantitative observations on action of extracts of..... 747
— Voge bromine tests of urine for. 749
Progestin and human corpus luteum 667
Prolactin, clinical use of..... 18
Prolan and blood sugar..... 650
— — hyperglycemia 382
— — tumor growth 300
— effect of, on growth..... 482
Prolan in urine during senility... 554
Prostate, physiology of 123
Protein metabolism and thyroid ablation 308
— — influence of gonads on..... 290
Pseudo-hermaphroditism, case of. 745
Pubertas praecox and pineal function 625
Puberty, effect of splenectomy on. 762
— physiology of 755

Reproduction and parathyroid ablation 655
Roentgen radiation of testes and prostate 123
— therapy of exophthalmic goiter. 591

Schizophrenia, reaction of adrenal extract in 576
Secondary sex characters, effect of fuel oil on 285
Secretin concentrate and hemoglobin in circulating blood..... 188
Senility, anterior lobe hormone in urine during 554
Sex activity and anterior lobe extract 296
— and internal secretions 423
— antagonism and ovary grafts in males 640
— changes, ovarian tumor and secondary 642
— characteristics in mammals, experimental production of... 748
— cycle, effect of pineal implants on 625
— — in human female..... 550
— development and adrenal cortex 741
— determination test of Dorn and Sugarman 521
— function and adrenal glands... 256
— gland hormones and gonadotropic hormone of hypophysis 751
— hormones, influence of on creatine metabolism 427
— — of anterior lobe of hypophysis 435
— — standards for 149
— — use of, in disturbed estral cycle 549
— — uterine reactions to..... 539
— inversion, studies on..... 150
— organs, effect of anterior lobe and pregnancy urine extracts on 641
— periodicals on endocrinology of. 421
— underdevelopment and pregnancy urine extract 47
Sexual maturation and thyroid feeding 308
— — effect of feeding thyroid on. 450
Specific dynamic action and thyroid-hypophysis ablation..... 752
— — — influence of pituitary on. 409
Spermatogenesis, effects of pituitary implants on..... 86
Spleen ablation and iron excretion. 306
— — — puberty 762

Spleen ablation and tumor growth.742
— extract and cell permeability..281
— the hormone of 447
Sporadic goiter and other thyroid disorders 306
— — inheritance of 660
Sterility and thyroid extract.....211
— — x-ray irradiation 148
— effect of prolan B injections on.639
Stomach hormone and pernicious anemia 426
Sugar tolerance and insulin in thin people 756
— — surgical attempts to increase 760
Sympathetic stimulation, humoral effects of 633

Testes, action of sex hormone of hypophysis on 753
— and gonad-stimulating principle of anterior lobe.....123
— biology of 423
— descent of, in macque and chimpanzee 643
— embryonal carcinoma of, in pseudohermaphrodite 152
— extract and cell permeability..281
— — — — tissue permeability 150
— gonadotropic hormone in urine of case of teratoma of.....629
— influence of anterior lobe hormone on metabolism of.....440
— of foetal horses as hormone source 638
— pathologic physiology of teratoma 746
— physiology of 142
— reaction in sex determination test 521
— weight of 284
Testicular descent, effect of pregnancy urine extract on 475
Thymus ablation and experimental cancer 742
— and adrenal antagonism.....305
— — insanitary conditions 453
— extract and growth.....657
— parathyroid tissue within.....397
Thyreotropic extracts of anterior lobe of hypophysis 645
Thyroid ablation and angina pectoris 306
— — — — anterior lobe extract....752
— — — — basal metabolic rate of rabbit 311
— — — — cardiovascular disease ..448
— — — — effect of anterior lobe extract on metabolism..752
— — — — eye reactions 652
— — — — feeding in snakes.....453
— — — — glucose administration..453
— — — — insulin resistance 643
— — — — keratosis 441
— — — — physico-chemical changes in plasma 314
— — — — protein metabolism 308
— — effect of, on diabetes mellitus 455
Thyroid ablation in treatment of angina pectoris 765
— action of fluorine on histological aspect of 453
— — — — hypophysis anterior lobe extract on weight and histology of 645
— activity, relation of, to hypophysis 434
— and anterior lobe extract.....293
— — arthritis 308
— — blood disorders 636
— — blue sclera 427
— carbohydrate metabolism 454
— — cirrhosis of liver 280
— — diabetes 75
— — eclampsia 312
— — gonad-stimulating hormone.156
— — hypophysis 291, 295, 310, 315, 438, 551, 660, 662
— — — — activity in relation to basal metabolism 660
— — — — extract 451
— — — — relation of, to molting...743
— — — — sex hormone 426
— — insanitary conditions 453
— — iodine metabolism 450
— — liver damage 664
— — muscle metabolism 543
— — ovary 548
— — pineal extracts 304
— — reproductive glands 282
— — respiratory metabolism of diabetes 159
— at base of tongue, case report..453
— compensatory hypertrophy of, and hypophysis 660
— constituents, calorigenic action of 317
— disease and acid-base equilibrium 307
— — — — phagocytosis 305
— — blood cholesterol in.....660
— disorders in childhood 764
— — — — the Southeast 221
— dysfunction, gastric acidity in.766
— effect of anterior lobe extract of hypophysis on 658
— — — — — — on weight of...294
— — — — carbohydrate and protein diet on hormone content of 314
— — — — cod-liver oil on.....254
— — — —experimental diets on....197
— — — — feeding of 450
— — — — gonad ablation on.....744
— — — — haloid salts on weight and structure of.....170
— — — — hypophysis treatment upon 415
— — — — insulin on 663
— — — — luteinizing and follicular extracts of hypophysis on 436
— — — — rachitogenic diets on....316
— — — — sunlight and darkness on.452
— — — — thyroid-stimulating hormone of hypophysis on.643
— enlargement in school children.657
— extirpation and milk secretion.659
— extract and albumin-globulin ratio 147

Thyroid extract and blood cholesterol 665
——————sugar 437
——————cholesterol 315
——————dwarfism 387
——————excretion of thyroid gland hormone 763
——————fat distribution 150
——————growth 657
——————hormone in skeletal growth 441
——————metabolism 307
——————in cretins 451
——————myxedema 664
——————personality changes 453
——————protective substance in blood and tissues 762
——————sodium chloride content of bile 283
——————sperm motility 546
——————sugar tolerance 651
——————tissue metabolism 746
——————tumor growth 309
————effect of alkali on absorption of 665
——————on adrenal 636
——————basal metabolism .228
————in treatment of whooping cough 739
——————uterine bleeding 148
————mode of action of.....765
————response of feather follicle to 546
————use of, in menstrual irregularity and sterility.....211
——feeding and blood flow.....310
——————iodine in tissues 762
——————pseudo-pregnancy 766
——————sexual maturation.....308
——function and iodine content of blood 658
————during pregnancy.....313
————estimation of 311
————of mothers, relation of, to infant birth weight.....453
————relation of basal metabolic rate and suspension stability of blood to 765
——gland activity and lack of oxygen 663
————deficiency in chronic arthritis 451
————effect of tracheal compression 658
————estimated thyroxine in 310
————in normal adults in North America 659
————preparation, standardization of 314
————removal and heart disease..693
————weight in Belgian low-lands.659
——histogenesis of 309
——hormone, excretion of, after dried thyroid feeding.....763
————in experimental hyperthyroidism 313
——influence of on genital function.423
——insufficiency and familial infantilism 533
Thyroid insufficiency, iodine tolerance test for.....487
——iodine and bromine content of.663
————content of.....661
——lymphoma of 452
——metabolic studies on.....314
——preparations, standardization of 315
——relation of, to anterior lobe of hypophysis 552
——————hypophysis 434
——————ovary 431
——seasonal variation in size of...283
——size of, in Freiburg students..313
——stimulating hormone of anterior lobe of hypophysis.....645
——————hypophysis and fat metabolism 505
——structure of blood vessels in...662
——treatment and basal metabolism 764
————in optic nerve neuritis.....527
——use of desiccated substance, in case of Laurence-Moon-Biedl syndrome 583
——weight of 284
Thyroiditis, report of a case.....454
Thyroparathyroid ablation and blood chemistry 654
——————oestrus 654
——————skeletal growth 441
——————tumor tissue grafts 743
————effect of, on growth, reproduction and lactation ...655
Thyrotoxicosis, diagnostic use of iodine in 765
——simulating primary neurosis...659
Tissue respiration and adrenal function 179
Tumor growth and anterior pituitary hormone 191

Urine, normal and hyperglycemia.382
Uterus, activity of, during pregnancy and parturition 748
——as organ of internal secretion.548
——dysfunctional bleeding of and pregnancy urine extract....431
——effect of anterior pituitary-like hormone on irregular bleeding of 551
——implants of carcinoma in, effect of, on hypophysis 436
——influence of on ovary 642
——parathyroid hormone and calcium in abnormal bleeding of 653
——reaction of, to sex hormone...539
——removal and structure of ovary.291

Virility and hirsutism, pathology of 429

Water metabolism and posterior pituitary extract 439